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Vol. CVIII.



THE BEST HOUSE FOR ALL PHARMACEUTICAL PRODUCTS

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OLDFIELD, PATTINSON & Co.
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A soothing application for protecting the skin
from the effect of strong sunshine and for
alleviating the discomfort of sunburn.

*'Torch' Brand Products are sold to chemists only and show
a liberal profit margin.* **ON THE P.A.T.A.**

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Do you ever have to tell a would-be purchaser that you are out of stock of a Patent Medicine? Probably, but if it happens often there is something wrong, either with your stocktaking or you do not take advantage of the Service offered by

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ENO'S

“FRUIT SALT”

TRADE

MARK

They've been steadily increasing these last few years. But they are increasing at a new pace now. This is going to be a big ENO year.

Week in and week out ENO's "FRUIT SALT" advertisements are appearing in newspapers of national circulation.

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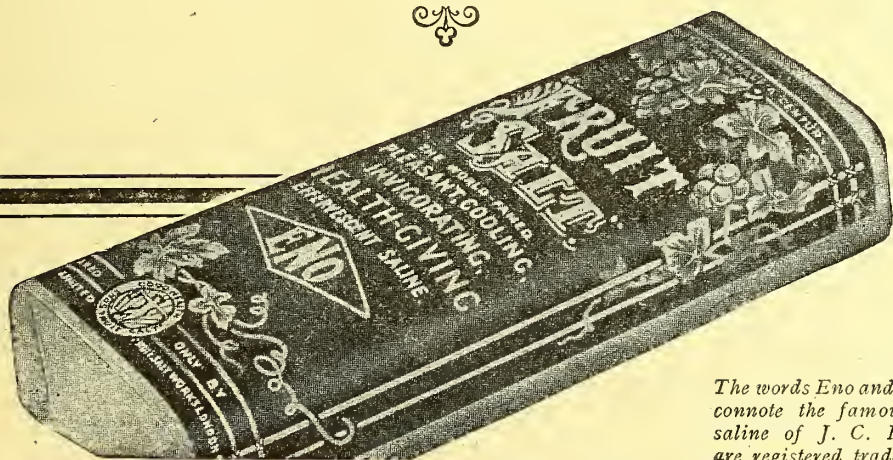
Display ENO's "FRUIT SALT."

Recommend it to your customers. Both you and they will find it profitable.

J. C. ENO LIMITED.

P.O. BOX 671

LONDON, E.C.4



The words Eno and "Fruit Salt" connote the famous effervescent saline of J. C. Eno Ltd. and are registered trade marks.

WARNING

Attention is called to the undermentioned apology for an infringement on our rights under the Trade Marks Act.

In this case Messrs. Lasfid Limited, of London, when asked for "VASELINE" Petroleum Jelly, supplied a petroleum jelly not of our manufacture.

We therefore wish to call the attention of the Trade to the fact that when "VASELINE" Petroleum Jelly is asked for it is an infringement on our Trade Mark rights to supply any other petroleum jelly labelled or unlabelled as a substitute.

APOLOGY

TO—

CHESEBROUGH MANUFACTURING COMPANY (CONS.),
Victoria Road, Willesden, N.W.10.

Trade

Vaseline

Mark

Petroleum Jelly

INFRINGEMENT OF REGISTERED TRADE MARK.

We, the undersigned Messrs. Lasfid Limited, carrying on business at 128 Salmon Lane, London, E.14, hereby admit having infringed the rights of the Chesebrough Manufacturing Company (Cons.) of New York and London, under their registered trade mark "VASELINE," by passing off as of their manufacture a petroleum jelly called "Leona" Petroleum Jelly which was not of their manufacture.

We express our deep regret for having done so, and for any injury the Company may have sustained by reason of such infringement.

We hereby undertake not to further infringe the said Trade Mark and to pay the costs to which the Chesebrough Manufacturing Company (Cons.) have been put to in connection with the matter.

Dated the 28th day of March, 1928.

(Signed) LASFID LIMITED,
pp. S. Deitsch.

(Witnessed) Thomas J. Williams.

**“Moorland’s” are by far the best
selling tablets of their kind**



Sales continue to increase enormously

One of our customers writes to tell us that his sales of Moorland Heart Shape Tablets are six times as many as they were last year. We are receiving similar reports from all over the country. Therefore, stock “Moorland’s,” the sound and reliable line that will keep you busy the whole year round

4/6 DOZ. 51/- GROSS. 7½d. RETAIL

The new showmatter surpasses all previous issues and enables you to make a most effective display that ensures Quick Sales

Moorland

HEART SHAPE TABLETS

“The heart of a good digestion”

W. B. CARTWRIGHT LTD.



RAWDON NEAR LEEDS

A New Scientific Food for the Nervous System.

"NEW-PROMONTA"

An organic food preparation containing the **LIPOIDS** of the substance of the central nervous system combined with the carriers of the known **VITAMINES, Lime, Iron, highly concentrated Albumines, Hæmoglobin and Carbo-Hydrates.**

A perfectly pure natural Tonic-Food prepared scientifically under the supervision of experts—An unequalled Reconstituent for both Children and Adults in all cases of weakness or the after-effects of illness.

NEW-PROMONTA is prescribed and recommended by the Medical Profession.

NEW-PROMONTA is used in Hospitals and University Clinics.

NEW-PROMONTA gives tone and power to the Nervous System and Brain.

NEW-PROMONTA increases the Appetite and aids Digestion.

NEW-PROMONTA enriches the Blood.

NEW-PROMONTA gives an increased Vitality.

NEW-PROMONTA invigorates the whole Frame.

NEW-PROMONTA is extremely palatable to persons of all ages.

PRICES FOR GREAT BRITAIN AND IRELAND.

Boxes of $\frac{1}{4}$ lb. net Powder	...	...	...	3/-	P.A.T.A.
Boxes of $\frac{1}{2}$ lb. net Powder	...	...	...	5/6	P.A.T.A.

NEW-PROMONTA is also supplied in tablets. This form is most convenient for the use of travellers and those professionally engaged.

Boxes of 54 tablets	3/6	P.A.T.A.
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Obtainable from the principal Wholesale Chemists and Sundries Houses.

Special packing for export. Prices on application.

PROMONTA COMPANY, LTD.

WESTMORLAND HOUSE,

127/131 REGENT STREET, LONDON, W.1.

Telegram : "NUPROMONTA," Piccy, London.

Telephone : REGENT 7950

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Now more profit than ever
on VIPER Flycatchers,
preferred always by the
keenest buyers in the trade



It pays
to sell
KAY'S

VIPER

Roll Band Flycatchers

In three widths : 2-inch, 3-inch, 4-inch

Write now for prices for your season's needs


KAY BROTHERS LTD.

Manufacturing Chemists - - - - STOCKPORT

Makers of FLYSAC FLYCATCHERS, DAK RATLIME,
TENASITINE Adhesive Cement, &c.

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 PLEASE NOTE NEW ADDRESS

MALT EX.

AND

MALT AND OIL

BRITAIN'S FINEST QUALITY IS
MADE AND PACKED AT THE

Remogen Works, SILSDEN, Yorks.

C. TOLKIEN & CO., LTD.

Silsden Phone: 69 STEETON (2 lines).

London Phone: 3539 FINCHLEY.

Telegrams: "REMOGEN," SILSDEN.

'Specialty'

Otto

COLD CREAM

YOUR customers require Quality, Purity and Moderate Prices. If you stock goods that come under this category you automatically ensure yourself rapid and ever-increasing profits.

"Specialty" Otto Cold Cream is guaranteed for Quality and Purity, all the ingredients used in manufacture being carefully selected from the finest materials procurable.

"Specialty" Otto Cold Cream has an additional appeal to the public due to the attractive manner in which it is packed.

We will gladly send you samples and prices.

"SPECIALTY" OINTMENTS.

All B.P. and unofficial ointments are made from the best ingredients by the most up-to-date machinery, ensuring a smooth, high quality product. Sold in bulk or packed in attractive decorated tins and screw capped glass and opal jars. Send for samples and price lists.



D.A.

ANGLO-AMERICAN OIL CO., LTD.

"SPECIALTY" DEPT.,

Albert Street, Camden Town, LONDON, N.W.1.

Telephones 1
Hampstead 8066-7-8.

Telegrams 1
"Nufiniol, Norwest," London.

What do YOU recommend for HAY FEVER?



Increased advertising during the Hay Fever Season will make "Velocium" a ready and steady summer seller for you. Look out for the striking advertisements in the leading national papers. Window material and attractive display terms will gladly be sent by the Sole Distributors: address below.

HAY FEVER, bane of our English summer months from May to September, will be shortly paying its dreaded yearly visit to thousands of sufferers. Once again those affected will be making frantic efforts to relieve the suffering and escape the inconvenience of this distressing complaint.

RECOMMEND "VELOCIUM."

"Velocium" has in thousands of cases proved successful in the treatment of Catarrhal troubles. Hay Fever, which is an aggravated form of Catarrh, has just as readily yielded to the "Velocium" treatment. These claims are founded on direct observation and irrefutable testimony from medical authorities.

HOW "VELOCIUM" ACTS.

The success is explained by its unique power to destroy the germ (*staphylococcus albus*) which has been proved to be the real cause of Hay Fever. Taken in tablet form and assimilated as quickly as food, "Velocium" attacks and destroys the germ at its source, in the blood. The irritation of the affected parts is consequently relieved, and the mucous membrane is soothed and healed. Because it destroys the active germ it is claimed that "Velocium" is the one genuine Specific available to the public for use against Hay Fever.

Recommend and sell "VELOCIUM"

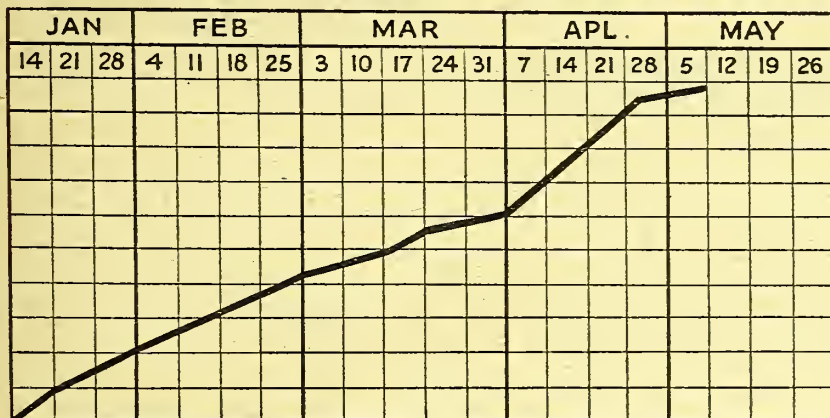
REGD.

The Germ-Killing Treatment for

COLDS : CATARRH : HAY FEVER

Sole Distributors : **PENNEY & CO., LTD.**, 16-18 Beak Street, London, W.1

CHART SHOWING THE STEADY RISE OF NEW MIX SALES FROM JANUARY 16th, THE COMMENCEMENT OF FIRST ADVERTISING CAMPAIGN



NOTE:—THE LEAP UPWARD OF SALES FOR APRIL, WHICH MARKS THE BEGINNING OF SECOND ADVERTISING SCHEME

The sales of New Mix, since their introduction to the English market, have been phenomenal—there is no other word for it. Nearly all chemists have repeated and increased their orders, some several times, proof that the public are getting the New Mix habit. The increase of sales during April coincides with the new advertising campaign which has encouraged new chemists to order New Mix, for they can see that their interests are being well looked after in the matter of advertising. These new announcements are still appearing—benefit by its public appeal.

"THE GLEAM OF YOUTH ON EVERY TOOTH"

WOULD
YOU
LIKE A
CHEQUE
FOR
£100
OR
£50 ?

SEE
PAGE
9
NEXT
WEEK



GILMONT PRODUCTS, Ltd.
35 CRUTCHED FRIARS, LONDON, E.C.3

TEN TIMES AS STRONG

IN VITAMIN "A"
AS THE MINIMUM
REQUIRED BY THE
UNITED STATES
PHARMACOPŒIA



"BOTTLED SUNLIGHT"

Minimum Retail Price P.A.T.A.		PRICES TO RETAILERS.		
		6 doz. 8 oz. or equivalent.	12 doz. 8 oz. or equivalent.	
4 oz. fluid	-/10½	6/9 doz.	6/6 doz.	6/3 doz.
8 " "	1/4	10/3 "	10/- "	9/9 "
16 " "	2/6	18/- "	17/6 "	17/- "
32 " "	4/6	33/- "	32/- "	31/- "
BULK 12/- Per GALLON IN WINCHESTER QUARTS.				
12 W. Qts. ... 11/9		36 W. Qts. ... 11/6		

**CONTRACTS FOR
NEW SEASON'S OIL
NOW BEING
BOOKED**

**COPY OF
OFFICIAL CERTIFICATE OF
VITAMIN ACTIVITY**

PHARMACOLOGICAL LABORATORIES.
PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

Certificate

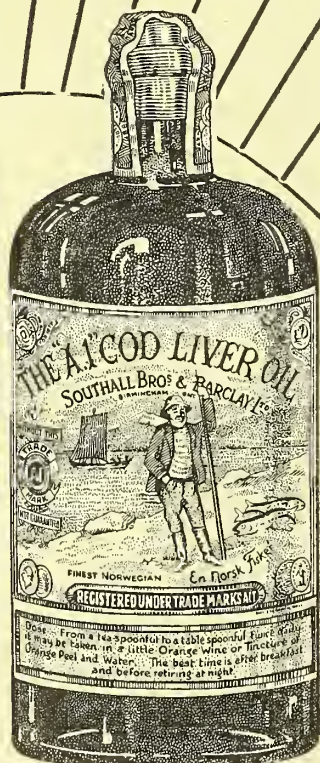
No. 1928

Date: 21/4/28

"This Cod Liver Oil has been found to be fully active, both in respect of the growth-promoting Vitamin A and of the anti-rachitic Vitamin D, as determined by biological tests carried out by the Pharmaceutical Society of Great Britain."

ON EVERY BOTTLE.

Southall's "A1" Cod Liver Oil is packed in amber bottles to protect the vitamins in the oil against the destructive action of light.



Maw's Page



Win their goodwill with Maw's Surgical Dressings

Here is another good reason why you should stock, display and sell Maw's dressings. Doctors and nurses are familiar with Maw's dressings and know from experience their dependable quality. Moreover, the name "Maw" stands for quality, not only in dressings, but in all medical and surgical sundries.

When they see a display of Maw's dressings in a pharmacy, they associate the pharmacy with Maw's goods and the "Maw" reputation. Now doctors and nurses influence a very considerable bulk of business and their goodwill is a valuable asset to you.

Secure this goodwill by impressing them with the fact that you stock Maw's dressings and you will help your dressings and surgical sundries business.

Show Maw's dressings periodically in your window and on your counter.

S. Maw, Son & Sons, Ltd.,
Aldersgate St., London,
and Barnet.



A WORLD'S RECORD ADVERTISEMENT

£2,200

for a single page advertisement in the

NEWS OF THE WORLD

This is the highest price ever paid for the insertion of a single page advertisement in any newspaper. It conclusively proves (1) that advertising is the cheapest method of marketing; (2) the "News of the World" provides the widest and most economical coverage of any newspaper. [See extract from Mr. Drage's letter, printed opposite.]

SALES NEARLY FOUR MILLIONS WEEKLY.

Messrs.

DRAGE

the famous furnishing house, whose successful advertising methods have set a standard for every manufacturer and distributor in every trade throughout the world, have given further proof of their belief in the "News of the World." The "Drage" page in the issue dated May 6th of the "News of the World" follows a series of half pages—each involving an expenditure of over one thousand pounds. These

EXPERIENCED ADVERTISERS

increased their allocation to a **WHOLE PAGE**, for which they paid £2,200. Mr. Drage, himself, in the extracts from a letter adjoining, pays a remarkable tribute to the

PROVED PULLING POWER

of the "News of the World"—an opinion which he has so substantially supported by placing a world's record advertisement.

Many of the largest advertisers in the "News of the World" commenced with quite small spaces. They have built their businesses upon the immense appeal of the

NEWS of the WORLD

—read by one in four of the population of Britain every Sunday. The Advertisement Manager would be glad to discuss your proposition with you personally.

30, BOUVERIE ST.
LONDON, E.C.4:

231, HIGH HOLBORN, LONDON,
H. M. BUSSY, Esq.,
Advertisement Manager,
NEWS OF THE WORLD,
30, BOUVERIE ST., E.C.4.
1st May, 1928.

DEAR MR. BUSSY,
I wish to take a full page in the NEWS
OF THE WORLD on May 6th at a cost
of £2,200.

This is, I believe, the most expensive advertisement that has ever been placed in any newspaper in the world. I place it, however, in the NEWS OF THE WORLD with confidence. The huge circulation of your newspaper, the fact that it must go every Sunday into half the homes of the British Isles, justify this large expenditure.

My experience is that even an expenditure like this works out at the rate of only a few shillings per customer. Besides, THE NEWS OF THE WORLD particularly appeals to the class of customers I particularly desire; home-loving men and women of moderate means, to whom our four years' credit without deposit makes a great appeal.

Yours sincerely,
(Signed) BENJAMIN DRAGE.

The above is an extract
of a letter from
Mr. Benjamin Drage.

IMPORTANT NOTICE

Notice is hereby given that we are the Sole Concessionnaires for "SPETON" (originally known as Spermathanaton) in the United Kingdom, Irish Free State, English Colonies and Protectorates.

"SPETON" is manufactured by the Temmler Chemical Works, Berlin, and is packed in original tubes of 12 tablets. It is only issued to the above countries through us or through our established agents in the Registered English Packing as below.



(REGISTERED ENGLISH AND COLONIAL PACKING.)

"SPETON" is obtainable through all wholesale Houses or direct, and infringement in the importation of any other than the above registered packing for the countries mentioned will be legally dealt with.

Regular propaganda is now being conducted with the medical profession for this speciality which offers an excellent profit to the Chemist.

Retails at 2/9 per tube of 12 tablets in the United Kingdom.

BEWARE OF SUBSTITUTES.



ORDER THROUGH YOUR WHOLESALE

ISSUED BY SOLE CONCESSIONNAIRES:

COATES & COOPER
41 GREAT TOWER ST., LONDON

Telephone No. 1 ROYAL 2968,

Telegrams: "SYNTHETICA," BILGATE, LONDON

*That's what I call a
sensible idea*

A MAN'S HAIR CREAM



THE CREAM is unobtrusively perfumed, and ensures a well-groomed appearance from morn till night.

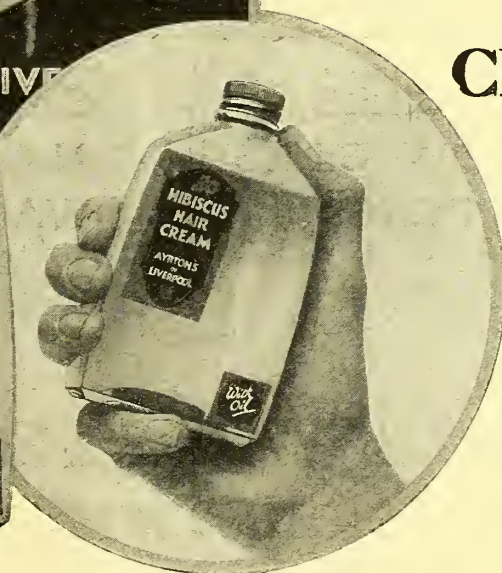
In three varieties: Non-oily, Oily and Extra Oil, to suit every type of scalp. Embodies approved nutritive ingredients for promoting hair-health.

THE BOTTLE. Look at the picture! See how the bottle lies snugly in the hand: observe how the little finger supports the bottle, and the thumb finds a natural position on the sloping shoulder. The bottle that invites a shake! Have you ever tried to get Hair Cream through a sprinkler top? Here you have a full half-inch vent instead of a pin-prick sort of outlet. And the cap! Big enough to handle, easy to screw, difficult to lose. At every point, "a MAN'S bottle."

THE FINISH. Finely designed labels used in distinctive manner: protected and enhanced with cellophane.

THE SHOWCARD. A virile appeal to the well-groomed man.

HIBISCUS HAIR CREAM



PRICES

Three Varieties

Per doz. 9/0

6 doz. at 8/6

12 doz. at 8/0



Made by AYRTON'S of LIVERPOOL



Photographic Chemists—

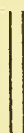
ARE YOU READY?

Have you got everything in
the way of Advertising Matter ?

IF NOT—

SEND TO US a card for our range of:

HAND BILLS
WINDOW BILLS
WRAPPERS



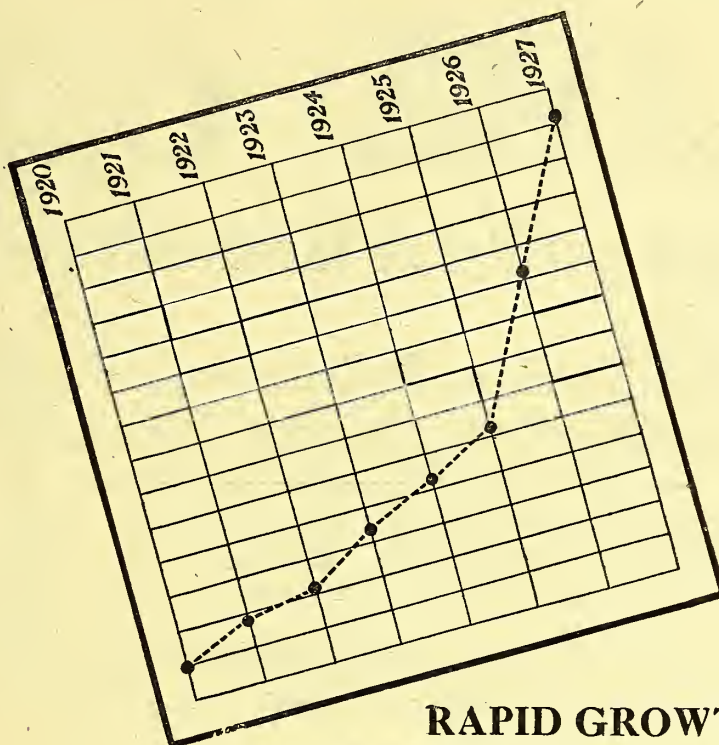
CARTONS
ALBUMS
WALLETS



THOMAS WAIDE & SONS, Ltd.

THE CHEMISTS' PRINTERS

KIRKSTALL ROAD, LEEDS



RAPID GROWTH of "VAPEX" Summer Sales

ORIGINALLY "Vapex" was looked upon as a winter-only speciality. Now, on account of its efficiency in the treatment of Hay Fever and Summer Colds, it is in demand all the year round. "Vapex" is always "in season."

How remarkable has been the growth in the summer sales of "Vapex" is indicated by the above chart, which is based upon the sales totals for the three summer months, June—July—August, during the last 8 years. Obviously "Vapex" is becoming increasingly worthy of a "place in the sun" on your counter. Summer Colds and Hay Fever are so intensely disagreeable that customers will appreciate a timely reminder of the usefulness of "Vapex." Appropriately worded window bills available on request.

To EXPORT BUYERS—All orders and enquiries should be addressed to our Sole Export Agents,
Wm. ALFRED JONES Ltd., West India House, Liverpool.

THOMAS KERFOOT & CO LTD
BARDSLEY VALE, LANCASHIRE,
& Bardsley House, London, N.1
ESTABLISHED 1797.

C/443

COPYRIGHT

LIME OIL

(W.I. Distilled.)

Finest quality at favourable prices

Write:

White, Tomkins & Courage, Ltd.
North Albert Works, Reigate, Surrey.

*Lemon Oil : Orange Oil : Bergamot Oil :
 Mint Oils : Buchu Oil : C.16 Aldehyde*



ESSENCES & SYNTHETICS LTD.

WILLIAM C. SLATER, Managing Director.

4 CARLISLE AVENUE, FENCHURCH STREET, LONDON, E.C.3

Royal 0290.

Essynthet—Ald—London

A few of our latest Creations :—

AMBREINE

A sweet Oriental perfume with a delightfully delicate floral nuance.

LILY-OF-THE-VALLEY

True to Nature; even in its last traces on evaporation.

VICTORIA VIOLET

A very successful composition; a necessity to the creative perfumer.

PARMA VIOLET

A standard Violet; indispensable in the absence of the natural flower oil.

WALLFLOWER

A beautiful reproduction of the Old English Wallflower.

ROSE

An excellent substitute for Bulgarian Otto.

JASMIN

A composition giving the pungency as well as the ever-popular floralcy of Jasmin flowers.

Q Of the highest possible concentration, and hence very economical in use; perfectly soluble; do not discolour. Suitable for handkerchiefs, perfumes, face powders, vanishing creams, brilliantines, toilet waters, bath salts, soaps. Samples cheerfully sent by return of post.

I know...

that I feel a different person when I've washed with soap that refreshes me with its sweet, clean perfume.

... I know that the smooth softness of my skin is preserved by the use of soap which feels like the touch of rich velvet.

... I know that the health of my complexion is cared for by soap specially made from special ingredients which naturally benefit the skin.

... I know that Vinolia Premier is my soap—always!

Vinolia
PREMIER SOAP

60 per tablet
1½ box of three tablets
100 bath size



The most refreshing soap in the world

I love...

that my skin always feels so soft and smooth after I have washed with Vinolia Premier. I love the sweet, clean perfume which refreshes me and preserves the smooth softness of my skin. I love the health of my complexion which is cared for by the special ingredients which naturally benefit the skin. I love Vinolia Premier—always!

Vinolia
PREMIER SOAP



The most refreshing soap in the world

I enjoy...

using the soap which refreshes and preserves my skin, and which I love so much. I enjoy the smooth softness of my skin which is preserved by the use of soap which feels like the touch of rich velvet. I enjoy the health of my complexion which is cared for by the special ingredients which naturally benefit the skin. I enjoy Vinolia Premier—always!

Vinolia
PREMIER SOAP



The most refreshing soap in the world

DIRECT!

The new campaign for Vinolia Premier Soap is a good example of the attractiveness and persuasiveness that can be obtained in advertising by use of simple, sincere, direct wording.

Already we have received quite a number of compliments on this series . . . and results, even as early as this, are distinctly encouraging. Are you linking up by making a good "Premier" display?

Vinolia
PREMIER SOAP

The most refreshing soap in the world

VT 44-28

WRITE FOR SPECIAL TERMS—VINOLIA CO., LTD., BEBINGTON, CHESHIRE



**SUPPLIED
TO
CHEMISTS
ONLY.**

**6OZ TABLETS
RETAIL PRICE -
3^D PER TABLET.**

**30% PROFIT FOR
THE
CHEMIST
ON
SELLING
PRICE.**



**GERARD BROS., LTD.,
THE SOAP WORKS, NOTTINGHAM.**

*Manufacturing Chemists
and all users of*

Farina, Dextrine, Maize Starch, &c.

should investigate the merits of the



*We are prepared to submit adequate samples
so that users may make full tests for themselves.*

**Whatever your requirements we have a grade at a
price to suit you. Send at once for testing samples.**

*We have built up our trade by strict adherence to purity, uniformity
of quality and prompt deliveries. Every Bag Guaranteed.*

Enquiries Invited.

G. E. HERNE & CO.
11 JOHN ST., LONDON, E.C.3.

'Phone : Royal 2159.

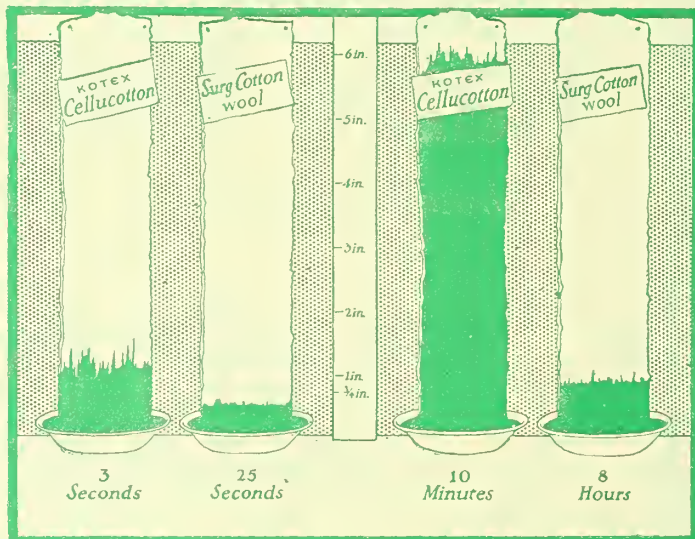
Wires : "Pulverate, London."

And at LIVERPOOL, NOTTINGHAM, EDINBURGH & CARDIFF.

ESTABLISHED 1885.

Doctors and Nurses are recommending KOTEX

Amazing stop-
watch tests
prove KOTEX
superiority over
surgical cotton-
wool



Absorptive qualities of Kotex Cellucotton shown in convincing laboratory experiment.

KOTEX is the only sanitary pad licensed to use the super-absorbent Cellucotton wadding.

Our laboratories made comparative tests of Kotex Cellucotton and finest grade surgical cotton-wool.

Two strips, 6 inches long, were suspended in bowls of ink. In 3 seconds the Kotex Cellucotton had absorbed one inch—in 25 seconds the cotton-wool had absorbed one-half inch.

In 10 minutes the Kotex Cellucotton had absorbed about 6 inches, while in 8 hours the cotton-wool had absorbed only one inch.

6 Unique Advantages

This absorbency is only one of the 6 unique advantages possessed by Kotex.

Kotex, in addition, is light in weight, cool—deodorizes while it acts—is soft and non-chafing—is form-fitting and secure—and discards as easily as tissue paper.

For these reasons, 8 in 10 women in the better walks of life are discarding the insecure, old-fashioned ways and adopting Kotex.

K O
PROTECTS

to women in Your district

KOTEX sells wherever it is displayed

Are you showing Kotex in your windows? And on your counter?

Women are asking doctors and nurses about Kotex. Doctors and nurses are

confirming every claim made in our nation-wide advertising.

In this way alone, thousands of new Kotex users are being won over every week. Kotex sales are increasing by leaps and bounds.

How much of this new business is going to you?

**Let women know
you sell KOTEX**

Send for Kotex display material for the window and counter. Send particularly for the Kotex "Wrapped Package" Container—one of the greatest sales-makers devised—as illustrated, supplied Free.

It holds ready-wrapped packages of Kotex and is placed on the counter, with the price ticket alongside. Women simply help themselves and pay the assistant—that's all. No questions to ask or answer.

Write to-day for particulars of the complete range of Kotex sales-helps—all supplied Free. KOTEX Ltd., 23, Eagle St., London, W.C.1



T E X

DFODORIZES



THE OUTLOOK

Notes on
the Future of the
Drug, Chemical and
Allied Industries



FIRMS WITH CHEMISTS' GOODS TO SELL SHOULD MAKE A POINT
OF SEEING THE LATEST "CHEMIST & DRUGGIST" BOOKLET

SEND FOR A COPY TO-DAY.

THE CHEMIST & DRUGGIST, 42 CANNON STREET, LONDON, E.C.4

Advertisements will appear in :

Daily Mail
 Daily Mirror
 Daily Sketch
 Daily News and West-
 minster Gazette
 Daily Dispatch
 Daily Express
 Birmingham Mail
 Leeds Yorkshire
 Evening Post
 Liverpool Echo
 Manchester Evening
 Chronicle
 Newcastle Evening
 Chronicle
 Sheffield Yorkshire
 Telegraph and Star
 Cardiff South Wales
 Echo
 Edinburgh Evening
 News
 Belfast Evening
 Telegraph
 Dublin Irish Inde-
 pendent
 Dublin Irish Times
 Cork Examiner
 Glasgow Bulletin
 Home Magazine
 Woman's Magazine
 Woman's Journal
 Woman and Home
 Woman's Pictorial
 Bystander Eve
 Graphic Tatler
 Illustrated London
 News
 Illustrated Sporting
 and Dramatic News
 Sketch Sphere
 Good Housekeeping
 Vogue
 Ladies' Field
 Homes and Gardens
 Royal Magazine
 Windsor Magazine
 Woman

IMPORTANT

The ERASMIC CO. announce
 the introduction of a NEW
PEERLESS WHITE TOILET
SOAP as a companion to the
 original VIOLET PEERLESS
ERASMIC SOAP—the latter has
 been re-dressed in a beautiful
 purple and gold wrapper and box.

.....

During the period JUNE
to NOVEMBER one of
the largest advertising cam-
paigns for TOILET SOAP
in this country will be
:: carried out ::

.....

INTRODUCTORY BONUS

If you have not received particulars and
miniature box, write to us AT ONCE.

The ERASMIC CO. LTD.
 WARRINGTON



Bond Street Shampoos that bring bigger Profits

Stewart's Tone Shampoos have been used in their Bond Street Salons for years, and always with success. The full range is now available for universal distribution—Hairtone, Hennatone, Pinetone, Goldentone, and Silvertone for Grey Hair. This line is something quite exceptional in shampoo powders—shampoos that have been tried and tested by actual everyday use in first-class establishments, and that you can sell for little more than half the price charged for other shampoos.

This is a chance for you to make money and goodwill—the line shows you an exceptionally good profit and it *always* brings customers back again and again.

	Retail Price	Net Wholesale Price
Stewart's Hairtone Shampoo Powder ..	3d. each or 1/6 for 7 sachets	12/- per dozen boxes of 7
Free from excess of alkali for any kind of hair.		
Stewart's Goldentone Shampoo Powder ..	4d. each or 2/- for 7 sachets	14/- per dozen boxes of 7
A Camomile preparation for blonde hair which brightens and beautifies.		
Stewart's Silvertone Shampoo Powder ..	4d. each or 2/- for 7 sachets	14/- per dozen boxes of 7
Specially prepared to keep grey hair from going yellow.		
Stewart's Hennatone Shampoo Powder ..	4d. each or 2/- for 7 sachets	14/- per dozen boxes of 7
For brown hair—gives richness of tone.		
Stewart's Pinetone Shampoo Powder ..	4d. each or 2/- for 7 sachets	14/- per dozen boxes of 7
Medicated and antiseptic for impoverished hair.		

MADE BY THE MANUFACTURERS OF

NUCTONE
FOR GREY HAIR

STEWART, GOODALL & DUNLOP, LIMITED,
4 Dering Street, London, W.1.

Obtainable from your usual Wholesalers or direct from

J. C. GAMBLES & CO., LTD.
211/215 BLACKFRIARS ROAD, LONDON, S.E.1.

Always a Live Line!



The demand for ANZORA is steadily increasing and a stock will not remain long on your hands! Quick sales and big profits will result if you keep a full stock. Order a supply to-day through your usual wholesaler.

TRADE TERMS:

12/- doz. Retail at 18/-
20/- doz. Retail at 30/-

A SUPPLY OF ATTRACTIVE SHOWCARDS
AND CUT-OUTS FOR WINDOW DISPLAY
SENT POST FREE.

ANZORA

Masters the Hair!

If unable to obtain from your Wholesaler write direct to
Anzora Perfumery Co., Ltd., London, N.W.6

Tried & Proved

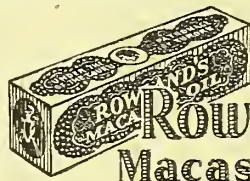
Rowland's Macassar Oil is no new preparation; it has been used all over the world for more than 135 years and everywhere it is held in the highest esteem. It is guaranteed to contain no injurious substance

P.A.T.A.

3, 6, 7/-

& 10/6

From all
Wholesalers



**Rowland's
Macassar Oil**

A. ROWLAND & SONS, Ltd., 112 Guilford St., London, W.C.1

KIRBEE

RAZOR BLADES

5 for 1/-

DOUGLAS KIRBY & CO., Ltd.

9/10 Charing Cross, S.W.1. Telephone: Gerrard 3147, 8063/4/5.

BETTER BLADES BIGGER PROFITS

Kirbee Blades have gained their popularity through British quality and an extremely low price.

Backed by vigorous advertising and sales aids they create their own demand and give you quick and generous profit.

Kirbee Blades are made from the finest Sheffield tempered steel—Gillette pattern.

Write for special trade terms
TODAY.

Samples and Prices on Request

HARRIS'S POWDERED SOAP

for Shampoos & other
Toilet Preparations

SOAPMAKERS
SINCE 1829

MANUFACTURED
ONLY BY

T.H. HARRIS & SONS LTD
STRATFORD • LONDON • E.15

MERCOLIZED WAX

— : for the Complexion : —

and

STALLAX

— : a Shampoo : —

TWO substantial and well-advertised lines which show a handsome profit to the Retailer, and, moreover, may be stocked fearlessly owing to the Manufacturers' most liberal Sale or Return Guarantee.

Both are obtainable in two sizes, and their reputation and sterling value assure a steady turnover.

Order through your Wholesaler, or direct from:

DEARBORN (1923) LIMITED
37 GRAY'S INN ROAD, LONDON, W.C.1.

BARGAIN LINES IN SPRAYS FOR THE PRESENT SEASON



01443/2
In assorted
mottled tango
colour.
16/- Doz.



0305/1
Crystal.
8/- Doz.



0125/18
Cut Crystal.
Solid Brass Mount.
20/- Doz.



24/249/3107/76
Six assorted designs.
Solid Brass Mount.
23/- Doz.



01494/1
Pink Crystal.
10/6 Doz.



01436/1
In assorted
mottled tango
colour.
12/- Doz.

A copy of our new Catalogue, now in process of compilation, will be sent you on application when ready.

BRIDGEN & GRIFFIN, 25 Bartlett's Buildings, E.C.4

SEASONABLE LINE



makes
**SATISFIED
CUSTOMERS**

Mon-e-da

**COMPLEXION
BEAUTY CREAM**

Rejuvenates the skin and
complexion.
Safeguards against effects
of sun and wind.
Admirable foundation for
Powder.

Sizes: 4 oz. 6 oz. 8 oz.
Prices: 12/6 16/6 20/- doz.

Also MON-E-DA SKIN FOOD
"Feeds the tissues"
10/6 15/- 18/- doz.

WALDEN, WALDEN & Co.

Toilet Preparation Manufacturers,
15 GRAPE ST., NEW OXFORD ST., W.C.1

DAWSON'S DENTIFRICE

COST
3/-
doz.

SELLS
6d.



Profit
100%
on
Cost

IN ALUMINIUM TINS. 9d. size 4s. 6d. per doz.

**FREER'S LYSOL SHAVING STICK,
FREER'S DENTAL CREAM,
and several other lines.**

Carriage and Packing FREE. Monthly a/cs.
SPECIAL QUOTATIONS for WHOLESALERS,
SHIPPERS and LARGE BUYERS.
Write for Sample Tins.

FREER'S MFG. CO. LTD.

6/7 Norton Folgate, Bishopsgate,
London, E.C.

Phone: Bishopsgate 2209.

**A BIG
SELLER**

**LUCKY
AMULETTES D'ANGKOR**

RETAIL
1/6

Complete with
twelve sticks of
Incense.

Miniature reproduction
of an idol, in stone,
holding two sticks of
incense.

♦ ♦ ♦

They appeal to
all classes and
sell at sight.



Prices :

Per doz. 12/-
3-doz. lots.. .. 11/-

Separate sticks of In-
cense, in packets of 12 :

5/3 per doz. packets.
3-doz. lots, 5/- per
doz. packets.

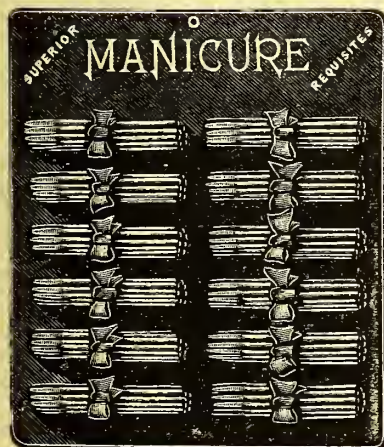
*Sole Distributors
for Great Britain*

SPURWAY ET CIE, LTD.
89 GREAT EASTERN ST., E.C.2

Telegrams : "Neroli, London."
Telephone : Bishopsgate 1372.

**"Buying Foreign"
is not necessary**

*We can meet competitively all Druggists'
Sundriesmen's requirements*



IN
MANICURE
GOODS,
ORANGE
STICKS, &c.

Carded
& Boxed

Wholesale
and Export
Only.

Send your
enquiries
now to the
English
makers—

ROBERT LEE

14 Calverley Grove,
Upper Holloway,
London, N.19

Telephone : Mountview 7811

Chemical Works "Flora"
DUBENDORF, ZURICH - SWITZERLAND

Manufacturers of

**SYNTHETIC & AROMATIC
CHEMICALS**

SAMPLES ON and
APPLICATION.

CHLOROPHYLL
OIL AND SPIRIT - SOLUBLE.

STOCKS HELD
IN LONDON.

Samples and particulars from—

CHAS. ZIMMERMANN & CO. (Chemicals), LTD.
St. Mary-at-Hill, London, E.C.3



Every Bathroom needs a Sorbo

EVERY man, woman and child in every family either uses a Sorbo Sponge, or needs one.

This splendid line of Rubber Sponges is finding its way into fresh homes daily, and every new Sorbo customer means extra turnover and bigger profits for you.

It is British in manufacture, and unequalled in quality. It improves with soaping, and it never gets slimy. That's why it is so popular with every member of the family, from Baby upwards!

Sorbo sponge

THE MOST ABSORBENT RUBBER-SPONGE

Order now from your Wholesaler.
If any difficulty, write us. Price List
and Trade Terms on application.

SORBO RUBBER-SPONGE PRODUCTS, LTD.
Sorbo Works, Woking, Surrey.
Telegrams: "Sorbo, Woking." Telephone: Woking 966 (2 lines)



a Good Blade!

6 for
1/8

10 for
3/4

We make no exaggerated claims on behalf of our product, but instead we sell

"ECLIPSE"

(Gillette Type)
SAFETY RAZOR
BLADES

under a definite money-back guarantee of satisfaction, particulars of which will be sent on request.

EVERY CHEMIST SHOULD STOCK THEM.

1 Box	100 Blades at	£1 2 3	per box
5 Boxes	"	at £1 1 8	"
10 "	"	at £1 0 10	"

Terms: Monthly, less 2½%. Carriage paid on 3 box lots and above.

JAMES NEILL & CO. (Sheffield) Ltd.
Crucible Steel Manufacturers,
NAPIER STREET - SHEFFIELD.



"ODENTIC" PLATE BRUSH

From all
Wholesalers.

Regd. No. 417637.

Manufacturers:

W. R. Speer & Son

(EST. 100 YEARS)

215 DALSTON LANE, LONDON, E.8

G. B. KENT & SONS, LTD.

Are known the World over as
the Largest Manufacturers of

BEST BRITISH BRUSHES

Please write for full Particulars to—

75 FARRINGDON ROAD, E.C.1.

THE PERFECT RESEAL CLOSURE.



THE AMERSEAL CAP

REG. U.S. PAT. OFF.

It is a cap from which the contents cannot escape. A quarter turn securely seals—a quarter turn quickly unseals.

It can be attractively lithographed in any colour scheme—giving an extra sales value to the product.

It is beautifully made and strong enough for the roughest usage.

It is very moderate in price.

For **NARROW MOUTH** Bottles—For **WIDE MOUTH** Jars.

AN IDEAL SEAL AND RESEAL.

Write or call for full particulars.

NATIONAL GLASS Co., Ltd.

1, CHARTERHOUSE STREET, LONDON, E.C.1.

A. C. VALLANCE, Ltd.

Manufacturing Chemists and

Photographic Specialists

WEST GATE and MILTON STREET,

'Phone: 689.

MANSFIELD

ENLARGING. D. & P. work

BY RETURN OF POST.

Usual Trade Terms, and Satisfaction Guaranteed.

OPAL GLASS POTS

We can deliver **IMMEDIATELY** from STOCK

1 oz. and 2 oz. **OCTAGONAL** Shape,

1 oz. and 2 oz. **SQUARE**, Ribbed 2 sides,

1 oz. **TALL ROUND**, Heavy Rims,

with **ALUMINIUM CAPS** and **PAPER LINERS**.

Please send us your enquiries for all **OPAL WARE**.
LOW PRICES and **REGULAR DELIVERIES** for Contracts.

Write or phone (Central 2430, 5 lines and 4 private lines).

L. LEPERSONNE & Co.

(Estab. 1888.)

99 CANNON STREET - LONDON, E.C.4

(Strictly Wholesale. Original crates only.)

GLASS BOTTLES

Large Stocks of **PHIALS, PANEL FLATS, COUGH MIXTURE PANELS, MEXICAN FLATS, CANNON ESSENCES, &c.**, at low prices.

Write for Prices to—

FREDK. YOULDON

(Formerly Proprietor of E. Youldon.
Established 1840.)

68 BASINGHALL STREET, LONDON, E.C.2.

'Phone: London Wall 3529.

Telegrams: "Youldon, Ave, London."

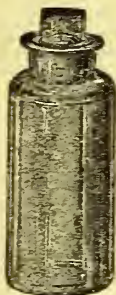
Registered Trade



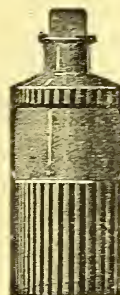
Mark, No. 26866.



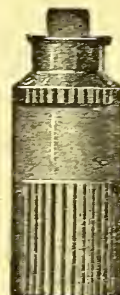
Hand-turned Shop Rounds.



Recessed Shop Rounds.



Recessed Poison Rounds.

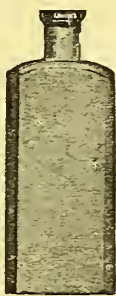


SHOP BOTTLES

of the finest finish. Perfect Stoppering. Made in glass free from arsenic and lead; this feature is of vital importance in the case of Shop Bottles.



R.C. Flat.



B.C. Flat.

DISPENSING BOTTLES—

accurate in Capacity, free from arsenic and lead, and handsome in appearance. The aristocrats of bottles.



Oval.



Oval Fronted Flat.



B.C. Square.

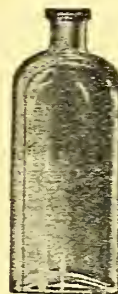


R.C. Square.



DOUBLE-ENDED FEEDERS

The finest the world has yet seen. Made in beautiful lustrous white flint glass which is so durable that it may be boiled continuously for twenty-four hours without shewing signs of deterioration.



Oval, 2 Flat Sides.



Octagon.

Sold by all the Leading Wholesale Houses.

WOOD BROTHERS GLASS CO., LTD.
BARNSELY, (Established 1828) **ENGLAND**

"GLACIER" BRAND WATER GLASS

We invite your enquiries
for Contracts,
or orders for forward
delivery for the above.

NEW SEASON'S STOCK
NOW READY.

For Right Prices, write Price's.

A.S.PRICE & CO. Ld.
BLACKHEATH, BIRMINGHAM



Sherley's

WORLD FAMOUS
Medicines

LACTOL AND LACTOL BISCUITS

P.A.T.A.

LACTOL and LACTOL BISCUITS have established the good name of Sherley with all dog lovers and breeders. Sherley's dog and cat medicines have created confidence and consequently command a ready sale.

Big advertising is behind all Sherley products. They are protected at prices showing the retailers a good profit margin, and our terms protect you against all possibility of loss. Excellent literature and showcards cover our various products. We realise your interests are ours.

WRITE FOR
PRICE LIST
AND TERMS

A. F. SHERLEY & CO., LTD.
18 Marshalsea Road, London, S.E.1.

NOT AFFECTED BY D.D.A. REGULATIONS AND
RECOMMENDED BY MINISTRY OF AGRICULTURE.
FARMER'S "BAITED" RAT PASTE
is worthy of mention to the vermin infested. SELLS WELL and does its work.

Please try a stick through any
distributor.
NEVER FAILS.
JARS 4d., 7d., 1/3;
LARGE TINS 4/-.
OF ALL CHEMISTS.



BOB MARTIN'S

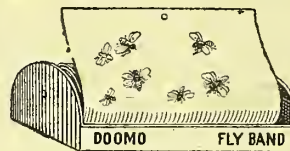
TASTELESS
CONDITION POWDERS
show a profit of 38%



and are advertised in daily papers having
a combined sale of more than SEVEN
MILLIONS a day.

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of Bob Martin preparations and a supply
of attractive display matter.

BOB MARTIN LTD., SOUTHPORT, LANCs



THE DOOM OF THE FLY

"DOOMO" FLY BAND,
wide and long,
also narrower one.


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RETAILS AT 1/- PER BLOCK.

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Regd. Trade Mark

"FERRY" DESTROYER is easy to use, is deadly in effect and acts quickly. HARMLESS TO MAN, ANIMALS & POULTRY. It is not a Virus and, therefore, does not contaminate foodstuffs.

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"We were swarmed out with Mice, and they have absolutely disappeared."—J.M.

We are advertising "Ferry" Destroyer extensively—locally and nationally—yet our Trade Discount is 33%.

Write to-day for full particulars and prices.

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WE CAN
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PURE LUCCA CREAM OLIVE OIL



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IN CASES CONTAINING

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Patent Detachable Poured Spout facilitating rapid
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EX STOCKS AT LONDON, LIVERPOOL AND GLASGOW AT
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Phone: Royal 1993 & 2152

47 MARKET STREET,
MANCHESTER

Phone: Central 753

IMPORTANT CORRECTION

We regret to announce an error in the wholesale price for the new 3/- size Karmoid Tablets as given in this paper under date of April 28. Where possible corrections have been sent through the post. Will all customers kindly note the correct prices as under for this world-renowned specific.

PRICES of NEW 3/- SIZE
of

K ARM O I D TABLETS

1/3 size - - 12/- doz.

3/- ,, - - 30/- ,,

In addition a special discount of 5% is
given for orders of 6 doz.

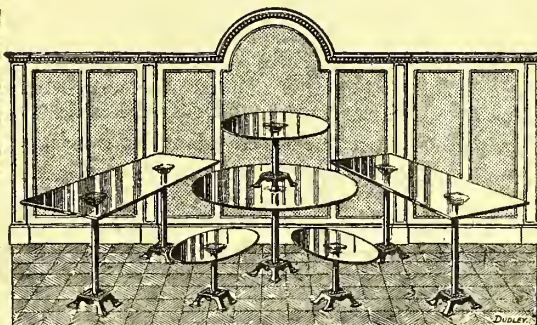
THREE WELL-ADVERTISED LINES
YOU SHOULD ALWAYS STOCK—

K ARM O I D T A B L E T S	P A R M I N T for coughs, stomach troubles, etc.	C A R M A R O L E C O M P O U N D for kidney troubles, rheumatism, etc.
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The Complete Set, 39/6

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OR

Messrs. J. ILOTT, Ltd.

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any article lies in the efficiency with which it performs its functions, and articles manufactured specially for one purpose are more efficient than those "Jack-of-all-trades" for which exaggerated claims are made.

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TOWN TALK LIQUID SILVER POLISH & SILVER PLATE CLOTH

have, for over 20 years, earned tribute from craftsmen in silverware, and to-day for cleaning and polishing silver and E.P. Ware, are most in demand by discriminating housewives. "Town Talk" is prepared specially for cleaning and polishing Silver and E.P. Ware. It does not contain acids, grit or ammonia. It is harmless to the finest surface and indescribably easy and clean to use. Silversmiths and Housewives say "Town Talk" is unrivalled.

Do you sell "Town Talk"?

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is guaranteed to be the finest quality of Liquid Paraffin produced. It has the patronage of the largest wholesalers, the recommendation of the Medical profession, and is used in the principal Hospitals in preference to all other kinds.

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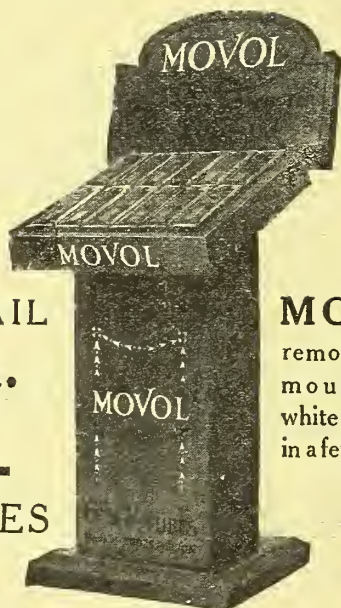
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RETAIL
6d.
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MOVOL
removes iron-
mould from
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Display containing 3 dozen 6d. size	s. d.
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3 dozen 6d. size	s. d.	
3 tubes free	18 0	
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Selling Price	32 6	10/10

50% PROFIT ON OUTLAY.

IT PAYS YOU TO SELL MOVOL.

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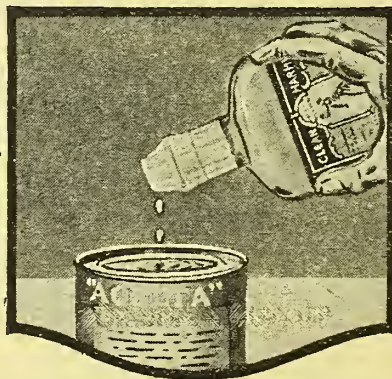
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"ACELTA" CAPPING SOLUTION

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*Just the thing for the RETAIL
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Distributed through the
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Send now for trial ½-lb. tin.

POST 2s. 9d. FREE.

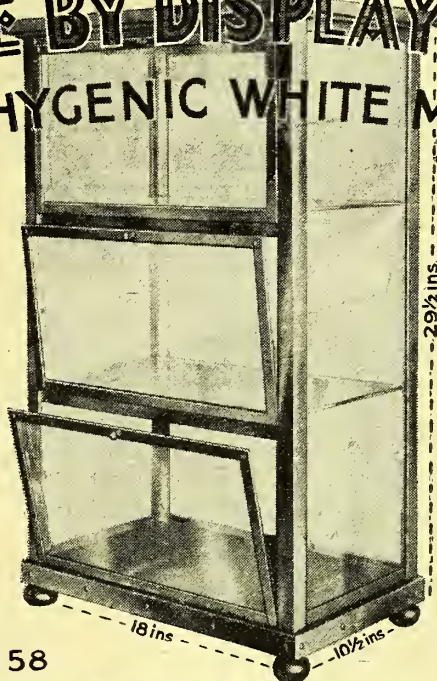
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SELL MORE BY DISPLAYING MORE WITH THIS HYGENIC WHITE METAL CASE

SEND YOUR
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**FREDK.
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58-62
GRAY'S INN ROAD.
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Nº 58

£5:15:0 PACKING & CARRIAGE EXTRA

This Case is ideal for displaying all kinds of sweets, chocolates, cigarettes, etc. It is constructed with framework of nickel-plated brass sheet, and stands on four small feet. The back is fitted with three drop flaps, and the interior has two glass shelves and white enamelled sheet metal bottom.

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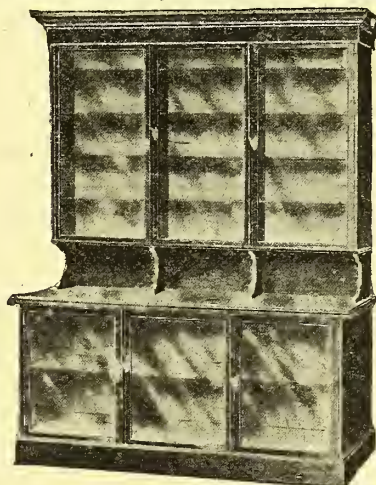
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Special Assortment:

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WE SPECIALISE IN

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CHEMISTS, DOCTORS, DENTISTS,
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53 and 55
BYROM STREET, LIVERPOOL.

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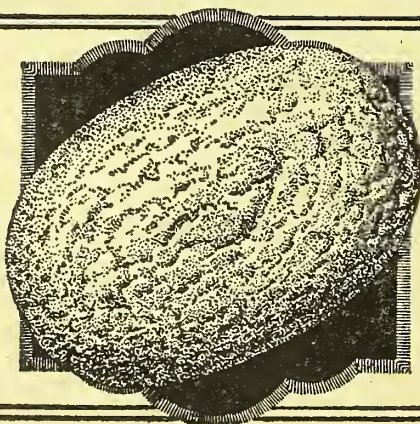
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The selling has been done before the mother reaches the chemist, and, having supplied her, it is only common sense to claim she will buy other family necessities from him. Moreover, the continuous demand for it produces a quick turnover.

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Unsolicited testimonials daily for Carr's famous Bath Rusks which are ideal for babies and young children. Scores of letters from grateful mothers. Recommended everywhere.

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Specially Prepared
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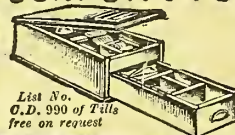
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Improved 16 x 8 1/2 x 6 ins.
mahogany, highly polished, lock
to lid and drawer, warning bell,
secret catch and check action.

32/-

List No.
O.D. 990 of Tills
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and they will instantly recover their
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It is popular article is largely advertised

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"Perfection of Cachets."—Lancet.

These Cachets are especially adapted for Headache, Neuralgia
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In 17 Sizes to fit the various types of Cachet Machines.

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PILL BOXES

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NO LOOSE BOTTOMS

Samples and Prices on application

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THE CHEMIST'S MONOPOLY—

P.P.T. PY-SHAN POINTS TEA
SECURES YOU REGULAR CUSTOMERS
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IRRADIATED ERGOSTEROL

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Since vitamin deficiency is rarely confined to one vitamin only, general reinforcement may be provided by



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Difficulty is often experienced in persuading children to take dry medicaments. 'TABLOID' Irradiated Ergosterol may be powdered and administered mixed in a spoonful of 'KEPLER' Cod Liver Oil with Malt Extract, the delicious flavour of which has always made it acceptable to children, to whom its combined vitamin content is of great dietetic value.



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COD LIVER OIL WITH
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which contains active Vitamins A, B and D.

There is no well-attested substitute for cod liver oil, which presents the essential Vitamins A and D in their unaltered, natural condition. 'KEPLER' Cod Liver Oil has been tested for its vitamin content since the year 1923. 'KEPLER' Malt Extract provides Vitamin B.

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Tabs of 25, each product containing 0.15 milligramme (0.00015 gm.), 10/9 per dozen (subject); and 1 milligramme (0.001 gm.), 16/4 per dozen (subject)

'KEPLER' COD LIVER OIL WITH MALT EXTRACT

Bottles of two sizes, 30/- and 54/6 per dozen (subject)



BURROUGHS WELLCOME & CO.

LONDON

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Sell them the "UCAL" Brand: the only Brand reserved exclusively to Pharmacists.

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" 50	" 1/3	" 5/6 "
" 100	" 1/9	" 8/3 "

Good Cut-out Showcard - - Handsome Show-outers

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SHEEP DIPS approved by the Ministry of Agriculture, under the Sheep Scab Order.

DISINFECTANTS of guaranteed Co-efficiency for local Municipal contracts and sale under own name and Brand.

LYSOL 50% Cresols guaranteed.

CARBOLIC POWDERS containing 5% to 20% Tar Acids.

PINE SANITARY FLUIDS and POWDERS.

NAPHTHALENE in Flake, Candle, Tablet, Powder and Crystal form, also Scented and Coloured Blocks enclosed in wire cages.

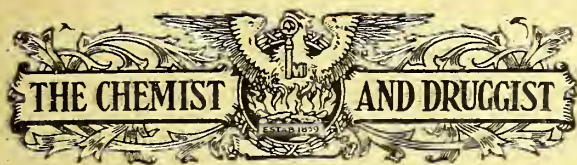
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Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Wednesday, May 16

Scottish Chemists' Golf Trophy, Gleneagles Golf Course. Annual competitions for National trophies.
Pharmaceutical Society of Great Britain, 17 Bloomsbury Square, London, W.C., at noon. Annual general meeting.
Liverpool Chemists' Association, Royal Institution, Colquitt Street, at 8.30 p.m. "The Training of Apprentices in Wholesale Houses," discussion introduced by Mr. T. Edward Lescher, O.B.E.

Thursday, May 17

London Chemists' Golfing Society, Old Ford Manor Course. Medal competition for a prize of one dozen golf balls. Tea will be followed by a match between wholesale and retail.

DRUG TRADE APPEAL FUND.—The biennial meeting will be held at St. Bride's Institute, Bride Lane, London, E.C.4, on May 21, at 4 p.m.

English and Welsh News

The Editor will be obliged if subscribers will send him marked copies of newspapers containing items of interest for insertion in this or other news sections.

New Customs Duty on Hydrocarbon Oils

The following revised notice has been issued by the order of the Commissioners of Customs and Excise:—

1. A resolution introduced in the House of Commons on April 24, as amended by the House on May 1, provides for the imposition, as from April 25 inclusive, of a Customs duty at the rate of fourpence per gallon on all petroleum oils, coal tar, and oils produced from coal, shale, peat or bituminous substances, and all liquid hydrocarbons (hereinafter in this notice referred to as hydrocarbon oils).

2. The duty applies to all such oils entered with the Customs after April 24, and to all such oils which, although entered, have not been actually landed on or before that date.

3. The Resolution provides for a rebate equal to the full duty on such of these oils as are not—

"Hydrocarbon oils or mixtures containing hydrocarbon oils of which oils or mixtures not less than 50 per cent. by volume distil at a temperature not exceeding 185° Centigrade, or of which not less than 95 per cent. by volume distils at a temperature not exceeding 240° Centigrade, or which give off an inflammable vapour at a temperature not less than 22.8° Centigrade when tested in the manner prescribed by the Acts relating to Petroleum"

(hereinafter referred to as LIGHT hydrocarbon oils other than kerosene), except in cases where they are intended for treatment in a refinery. In the latter event liability to the full duty will continue to attach until the hydrocarbon oils have passed through the refinery, when a similar rebate will be provided for such of the resultant products as are not LIGHT hydrocarbon oils other than kerosene.

4. The net effect therefore is that light hydrocarbon oils other than kerosene (e.g., petrol, benzol, white spirit, turpentine, etc.) will be liable to a duty of fourpence per gallon, whether imported as such or produced in a refinery from imported hydrocarbon oils, while other hydrocarbon oils, either on importation or on delivery from a refinery, will be entitled to a rebate of the full duty, and will therefore in the result be free of duty.

5. Under the powers conferred on them by Section 6 of the Finance Act, 1926, pending the passing of this year's Finance Bill, the Commissioners of Customs and Excise will require security for the duty to be given for all hydrocarbon oils entered or landed after April 24, either in the form of a cash deposit or of a bond. They will, however, dispense with such security in the case of such oils other than light hydrocarbon oils or kerosene as are shown to their satisfaction not to be intended for treatment in a refinery.

6. In pursuance of Section 7, Finance Act, 1901, imported goods (e.g., paints, varnishes, etc.) containing dutiable oils will be liable to duty on the quantity of such oils used in their manufacture.

7. Full information as to the procedure to be adopted in regard to the importation of hydrocarbon oils, the method of giving security, claiming rebate, etc., may be obtained at any Custom House.

Drawback on Hydrocarbon Oils

With reference to the duty imposed by the Budget on hydrocarbon oils, including turpentine, it is understood that it is proposed in the Finance Bill to allow a drawback (equal to the duty) which will be paid on the exportation from Great Britain or Northern Ireland, or shipment as stores, of any article in the manufacture or preparation of which any hydrocarbon oil has been used, or on the exportation, etc., of the hydrocarbon oils and turpentine as such. Until the Finance Act is passed, the Customs will have no authority to pay this drawback, and it will, therefore, be necessary for traders who desire to claim it to take such steps beforehand as will enable them to satisfy the Customs Commissioners that payment is due. This involves the keeping of such records by prospective claimants as will satisfy the

Customs that the duty has been paid, and, it will further be necessary to follow the normal drawback procedure, which includes the production of the goods before shipment for export, the giving of a bond, and the completion of a Shipping Bill, form C. and E. No. 64 (Sale). It is understood that the Customs will be prepared to modify this procedure, and to fix standing rates of drawback in cases where a fixed percentage of the dutiable ingredient is used in the manufacturing process.

Pharmacy at Sheffield University

A special meeting of the Sheffield and District Branch of the Pharmaceutical Society was held on May 7. Mr. F. Hindle, president, occupied the chair, and there was a large attendance of members, students and parents of students from Sheffield, Barnsley, Doncaster, and Work-sop. The meeting was called to consider the establishment of a department of pharmacy at Sheffield University. Following negotiations between the Vice-Chancellor of the University (Sir Henry Hadow) and a committee of the Branch, it was promised that if certain financial responsibilities were undertaken by the local chemists a department would be commenced from the next academic year. On the motion of Mr. Norwood, seconded by Mr. A. Knowles, it was unanimously decided to empower the president to give the necessary guarantee, and to appeal to the chemists of the district to provide the amount required.

Inquests

At an inquest held at Lambeth (London), on May 3, it was stated that Florence M. Dawson, the deceased, took oxalic acid five years previously on account of a disappointment. She ultimately died in St. Thomas's Hospital from the effects of the poison. A verdict of "Suicide while of unsound mind" was given.

At Coleford, on May 9, the inquest on the body of Harry Pace, farmer (*C. & D.*, May 5, p. 554) was resumed. A local medical man deposed that he had prescribed potassium iodide and a bismuth mixture for the deceased: the witness and two other doctors were of opinion that death was due to arsenical poisoning. Henry J. Smith, farmer, Newlands, stated that it was possible to dip about twenty sheep with one packet of sheep dip. The inquest was again adjourned.

Birmingham

During the building of Wellington House, Colmore Row, Corfield & Co., chemists, who will occupy one of the shops, have secured premises in Waterloo Street near by; they will return in due course.

Good prices were secured at a sale of the late Alderman F. C. Clayton's collection of Worcester china on May 3. A coffee cup and saucer with Watteau figures and a cup similarly decorated went for £114. Among other articles was a plate which belonged to Lord Nelson's dinner service. This was sold for £7 10s. The china produced about £600.

Leicester

The unusual demand for formalin is no doubt the result of an article appearing recently in the "*Leicester Mercury*."

Leicester Technical College had a high percentage of successful candidates at the April examinations of the Pharmaceutical Society.

Liverpool

Evans Sons Lescher & Webb, Ltd., have placed a contract to have new buildings for the production of bacteriological preparations erected at Runcorn.

The annual picnic of the Liverpool Chemists' Association will be held at Windermere on June 20. Provisional arrangements have been made for a special train to leave Exchange Station at 1.45 p.m. The inclusive cost of the outing will be 10s. per head, and as a minimum number must be guaranteed, applications for tickets should be made at once to Mr. George L. Clubb, 138 Smithdown Road, Liverpool.

Miscellaneous

POISON-LICENCE APPLICATIONS.—Kathleen C. Mould (Mould & Sons, florists, Devizes) has applied to the Wiltshire County Council for a licence to sell agricultural and horticultural poisons.—Similar applications have been made to their respective local authorities by Hasler & Co., Ltd., seed merchants, Dunmow and Braintree; Frescot & Co., Ltd., animal medicine manufacturers, Doncaster.

VISIT TO WORKS.—On May 2, the South-West London Chemists' Association were conducted over the Ware works of Allen & Hanburys, Ltd. The tour, which was most interesting and instructive, occupied three hours. Mr. Hanbury, on behalf of the directors, welcomed the visitors, and luncheon and tea were provided by the company. The charabanc trip from Clapham added greatly to the enjoyment of the outing.

FIRES.—The following outbreaks of fire have been recorded since our last report:—An outbreak of fire occurred on May 7 at the premises of Taylors' Drug Co., Ltd., Burley Hill, Leeds. Two temporary buildings and their contents were destroyed. The cause of the fire is not known.—The premises of Miss Edith M. Simcock, 311 Goswell Road, London, E.C.1, were involved in a recent outbreak of fire in the district: damage was done on three floors of the building.

IN THE COURTS.—At Upton-on-Severn Police Court, on May 4, the Hon. Mrs. Wilmot was fined £2 2s., with £12 13s. 6d. costs, for placing poisoned edible matter on her land without taking reasonable precautions to prevent injury to domestic animals.—At Cranbourne, recently, Mabel Whitmore, a shopkeeper, was fined 10s. for having sold turpentine adulterated with 15 per cent. of a petroleum distillate.—In the Mayor's and City of London Court, on May 8, S. Maw, Son & Sons, Ltd., Aldersgate Street, E.C., succeeded in a claim against Mr. D. M. Durno, chemist and druggist, Southchurch Avenue, Southend-on-Sea, for the sum of 19s. 4d. for goods sold and delivered.

Scottish News

Brevities

Mr. P. Mitchell, chemist and druggist, has been recently appointed to the management committee of the Dumbarton Merchants' Association for the ensuing year.

Dundee has done well at the recent examinations of the Pharmaceutical Society, when one lady, Miss Edith W. Robertson, qualified as a pharmaceutical chemist, and twenty students were successful in the Preliminary Scientific examination.

The Edinburgh Chemists' Golf Club held their third outing of the season over Bruntsfield golf course on May 2. There were about twenty members present, and club prizes were played for. The following are the winners:—M. McIntosh, 74; J. Bowman, 76; A. Waugh, 81; W. S. Spence, 83. Members are looking forward to the Gleneagles outing on May 16.

Aberdeen

Mr. W. Park is relinquishing his business and returning to Davidson & Kay as a partner.

Mr. W. Watt, chemist and druggist, 1 Chattan Place, Aberdeen, is taking into partnership Mr. E. Stephen, chemist and druggist.

Fifeshire

Photographic goods are selling better since the good weather set in and D. and P. work is increasing.

Leven chemists have agreed to stop opening for one hour on Thursday evenings (half-holiday), as has been their custom in the past.

Glasgow

Mr. James Trotter, chemist and druggist, has commenced business on his own account at Milngavie.

Mr. Edward Blyth, chemist and druggist (secretary to golf section, Glasgow Pharmacy Club), has taken over the business of Mr. S. Inglis, Blythswood Pharmacy, Renfrew.

Irish News

Northern Ireland Reciprocity Vote

The result of the vote of the pharmaceutical chemists of Northern Ireland on the question of whether or not they were in favour of reciprocity with Great Britain was announced on May 5 as follows: For, 266; against, 75; majority for, 191. The total number of papers sent out was 514, and the number returned was 343. The vote was taken under the auspices of the North Irish Pharmacists' Association. Two votes which were in the affirmative, with qualifications, were not counted. The percentage of papers returned is considered very satisfactory by the officials of the N.I.P.A.

Brevities

Mr. W. Cashey has opened a pharmacy in Bridge Street, Coleraine.

Mr. R. O. Rourke, Ph.C., has opened a business at The Medical Hall, Mountrath.

The business of McLaughlin & Allen, chemists, Waterloo Place, Londonderry, has been acquired by Mr. James Glendinning, Ph.C., Strand Road, Londonderry.

"In view of the small number of entries for the Fairchild scholarship from Ireland in recent years," writes a correspondent, "the attention of Irish chemists may again be drawn to the fact that this examination will be held in June at Belfast and Dublin, in the hope that eligible members on their staffs will be encouraged to enter. Entries must be sent to Mr. Herbert Skinner, Albert Chambers, 65 Holborn Viaduct, London, E.C.1, not later than June 1."

The Irish Free State import duty on bottles is in future only to be levied on bottles used for, or containing, wines, spirits, sugar, confectionery, etc., and is not to be charged on chemists' empty bottles of any kind. A further concession is that bottles under 5-oz. size, even if the contents are dutiable, will not bear duty in future. Formerly all bottles containing dutiable articles bore a duty of either 3d. or 6d. per doz., according to size. Another concession is that bottles containing medicinal spirituous preparations will not be dutiable.

Belfast

The Tuberculosis Committee of the Belfast Corporation has given contracts for drugs to Fred Storey, Ltd., Belfast; Mr. T. E. Stephenson, Belfast; J. Clarke & Co. (Successors), Ltd.; Newton, Chambers & Co., Ltd. In eight items for drugs and twenty-two for dressings, pursuant to the recommendation of the chief tuberculosis officer and the medical superintendent, tenders were not accepted.

The contracts for the supply of medical and surgical appliances and medicines to the various unions in Northern Ireland have been the object of keen competition this year. There was a slight reduction in the schedule of prices for dressings, and a drastic reduction in the prices for medicines from last year. With few exceptions the contracts for dressings were obtained by the Surgical Manufacturing Co., Ltd. The exceptions were:—Belfast, Fred Storey, Ltd.; Ballymena, T. Clarke & Co.; Newry, S. Connor & Sons. The discount quoted by the Surgical Manufacturing Co., Ltd., was 65 per cent., with a further 2½ per cent. for cash in one month. The medicine contracts have been placed as follows:—Ballymena, Ballymoney, Ben Clarke & Son, Belfast; Belfast, Castleberg, Cookstown, Downpatrick, Dungannon, Enniskillen, Lisnaskea, Newtownards, Fred Storey, Ltd., Belfast; Antrim, Armagh, Ballycastle, Coleraine, Limavady, Magherafelt, Strabane, R. Sumner & Co., Liverpool; Banbridge, Kilkeel, Larne, Lisburn, Lurgan, Mourne District Hospital, Newry, C. J. Hewlett & Son, Ltd., London. A difficulty arose in connection with the contract for medicines in Lurgan when the tenders were opened. It was found Messrs. Hewlett & Son's tender was made out to Larne Union, and the question was raised whether the tender was in order and should have been considered. The Home Office pointed out that a legal point was involved, and did not wish to interfere. The Guardians accepted Messrs. Hewlett & Son's tender, which was the lowest.

Golfing Events

The Irish Chemists' Golfing Society held the first annual competition for the Erasmus cup at Rosses Point, co. Sligo, on April 29. The play resulted as follows:—(1) Mr. A. F. Roche, Dublin, 92—14=78; (2) Mr. J. Costello, Galway, 87—8=79; (3) Mr. F. Ryan, Boyle, 93—14=79; (4) Mr. J. McDonnell, Skerries, 103—21=82. In the afternoon a four-ball sweepstake was played. With the cup were included 100 golf balls, presented by Cooper & Hurley, Dublin, and also one dozen to the runner up. Mr. Tober presented a cup for the best gross score.

The London Chemists' Golfing Society held the first of this season's competitions at the Northwood Golf Club on April 26. The competition was for a prize presented by The Vinolia Co., Ltd., the winner being Mr. R. G. Pickles. After tea, friendly four-ball matches were played, and some members kept up the game until darkness set in. The leading scores were as follows:—

R. G. Pickles ...	87—10=77	W. Main ...	91—6=85
J. Deas ...	94—16=78	H. Ingram-Royle ...	103—16=87
J. W. Quibell ...	102—13=84	W. E. Shrive ...	110—13=92
R. C. Green ...	94—10=84	Dr. Burton Yule ...	92+1=93

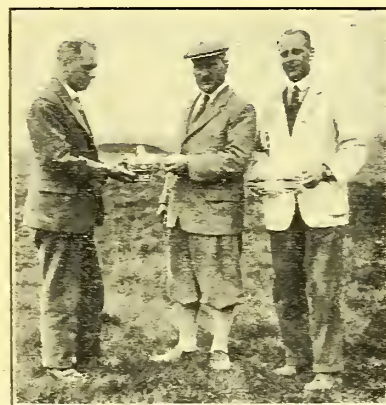
The next meeting takes place at Old Fold Manor Golf Club on May 17, when a match between wholesale and retail will be played.

The second meeting of the season in connection with the Manchester and District Pharmaceutical Golfing Society took place on April 25 at the Withington golf course. The twelve best net scores, which qualified for the Gibbs competition, were as follows:—

W. J. Gardner ...	92—18=74	J. W. Aves ...	90—12=78
E. S. Bury ...	92—17=75	E. N. Fox ...	93—20=78
J. A. Collins ...	84—8=76	H. A. Travis ...	103—21=79
R. G. Edwards ...	92—16=76	T. Miller ...	90—10=80
J. S. Breese ...	93—21=77	W. A. Sturdy ...	92—12=80
A. H. Turner ...	92—15=77	S. M. Bostock ...	93—13=80

Mr. Gardner thus won Mr. J. H. Blyton's prize, and Mr. Bury that offered by the Society. After high tea, Councillor R. G.

Edwards (captain), in the absence of the president (Mr. A. J. Pidd), who is touring in the Mediterranean, presented the prizes. He regretted to announce that Mr. Blyton was confined to his room, and asked the secretary to convey a message of sympathy. He also wished to say how deeply they felt the loss by



Photo]

[Cleworth

Left to right: Mr. W. J. GARDNER, Mr. R. G. EDWARDS (captain), Mr. E. S. BURY who, as representative of D. & W. Gibbs, Ltd., always took keen interest in the Gibbs Trophy competition, and gave a special prize himself for those unfortunate enough not to qualify in the winning eight. All present stood in silence for a minute as a mark of sympathy.

COMMERCIAL TRAVELLERS' CLOAK-ROOM TICKETS.—The four group railway companies and the Metropolitan Company announce that, as from June 1, 1928, they will sell cloak-room tickets in advance to commercial travellers to enable them to deposit their luggage in the station cloak rooms. The luggage labels will be sold in books of 30, at a charge of 5s. a book. By means of these labels commercial travellers travelling by rail will also be able, on finishing their business at the week-end, to forward their luggage direct to the station at which they will resume business.

Legal Reports

Carriage Dispute on Olive Oil.—The Court of Appeal, consisting of Lord Justices Scrutton, Greer and Sankey, on May 8 allowed the appeal of the defendant in the case of *Frenkel v. MacAndrews & Co., Ltd.*, from the judgment of Mr. Justice Rowlatt in the Commercial Court (*C. & D.*, February 25 and March 3). In this case the plaintiff, Mr. Leon Frenkel, sued the appellants of Suffolk House, Laurence Poultney Hill, E.C., for damages for alleged breach of contract or duty in connection with the carriage of 134 barrels of olive oil in the defendants' steamer "Cervantes." The plaintiff claimed a total of £2,361 5s. 1d., being £459 11s. 4d. at the rate of £113 per ton contained in 24 barrels, and £1,901 13s. 9d. at £105 per ton in 110 barrels. The learned judge gave judgment for the plaintiff for £2,293, and from this result the defendants now appealed. At the conclusion of the arguments of Counsel, the lords justices allowed the appeal, holding that there was no deviation and that the defendants were protected by the exception in the bills of lading.

Claim for Advertisements.—In the King's Bench Division of the High Court, London, on May 7, *Golf Illustrated, Ltd.*, Woburn Place, W., sued Gladys Cooper's Beauty Preparations, Ltd., of Bruton Street, W.1, to recover the sum of £112 for the insertion of the defendant's advertisements in the plaintiffs' paper. Mr. Rowland Thomas, for the plaintiffs, said that there was an arrangement between the parties that Miss Gladys Cooper should write four articles which were to appear in a ladies' supplement of the paper, and in consideration of them the plaintiffs would insert four page advertisements without charge. The present claim was in respect of seven other full-page advertisements subsequently published which were not accompanied by articles. The defendants denied that the seven advertisements were inserted at their request. Mrs. Thompson, a director of the defendant company, said in cross-examination that when the plaintiffs' manager approached her about further advertisements, she replied that she could not give any further orders without consulting Sir Charles Higham, who did all their advertising. Mr. Justice Acton said that the plaintiffs had failed to show that there was any request from the defendants for these advertisements, and there must be judgment for the defendants, with costs.

Pharmaceutical Society Membership Prosecution.—At Dundee Sheriff Court, on May 4, the Pharmaceutical Society of Great Britain sued Mr. John Melville, chemist and druggist, Perth Road, under the Pharmacy Acts, for using, assuming or exhibiting a title or sign implying that he was a member of the Society on a date on which he was not a member. Mr. John Ross, solicitor for Mr. Melville, objected to the relevancy of the complaint. A man might be registered and carry on his business and never be a member of the Pharmaceutical Society, and Mr. Ross contended that the only possible construction that could be put upon Section 12 of the Act of 1852, under which Mr. Melville was charged, was that it applied solely to a person who was not a registered Pharmaceutical Society member and that it was only directed against persons who were not so registered. But what this Society sought to do was to make the section apply not to a person "not being duly registered as a pharmaceutical chemist," but to a person "not being a member of the Pharmaceutical Society." The section did not say anything of the kind. The Society sought to deal with a position where a person was pretending to be a member of the Society, by criminal proceedings, when the proper method for them, or any other body in the same position, was in the Civil Court. Mr. Strachan, replying for the Society, said that to carry Mr. Ross' argument to its logical conclusion there could not be the offence charged under Section 12. His Lordship: Except, according to Mr. Ross, in the case of unregistered persons. Mr. Strachan: Yes, my Lord. It means that every chemist could call himself a member of the Society. Mr. Ross: And be dealt with in the Civil Court for it. Judgment was reserved in this case, and in a similar case against Mr. George John Lindsay, chemist and druggist, Castle Street.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office.

HUNT & CO. (WINCHESTER), LTD. (P.C.).—Capital £5,500. Objects: To acquire the business of a pharmaceutical chemist lately carried on by A. E. Chaston, as "Hunt & Co.," at 45 High Street, Winchester, and to adopt an agreement with Lucy W. Chaston and K. E. N. Williams. Solicitor: Reginald J. Harris, Winchester.

STERECAPS, LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of manufacturers of and dealers in cameras and photographic appliances and apparatus, lenses, mounts, frames, materials, chemicals, stained and other glass, etc. The subscribers are: J. R. Beckensall and J. R. Bouring. Solicitors: Mayo Elder and Co., 10 Drapers Gardens, E.C.

RICHARD DANIEL & SON, LTD. (P.C.).—Capital £25,000. Objects: To acquire the business of wholesale and manufacturing chemists and druggists carried on by Mrs. H. Daniel and R. Daniel at Derwent Street and Bridge Street, Derby. The permanent directors are: Mrs. H. Daniel, Stonehill Road, Derby; R. Daniel, "Westbrook," Normanton, wholesale chemist and druggist. R.O., Derwent Street, Derby.

BIRCH, MARR & CO., LTD. (P.C.).—Capital £10,000. Objects: To carry on the business of merchants, traders, manufacturers, exporters and importers, dealers and commission agents in respect of plant, machinery, materials, minerals, metals, oils, chemicals, gases, goods and products of all kinds; bankers, underwriters, contractors, engineers, shipowners, forwarding agents, etc. The first directors are A. Hoare, Comdr. J. K. B. Birch, R.N., and P. G. Marr. R.O.: 2 London Wall Buildings, E.C.2.

Bankruptcy Report

Re John Langley Henshaw, Ph.C., trading as Plant & Henshaw, 28 High Street, Doncaster, Yorkshire. The public examination of this debtor was held on May 3 at the County Court Hall, Bank Street, Sheffield. The debtor's liabilities amounted to £1,652, and he had assets of £942. It appeared he had formerly acted as manager of the business. In April 1926 he opened a ladies' hairdressing saloon over the shop, at a cost of £600. Unfortunately, a new chemist's shop was opened just opposite his premises. The examination was closed.

Voluntary Liquidation

Re Bass & Wilford, Ltd., chemists and druggists, late 5 Parliament Street, Nottingham.—The statutory meeting of the creditors of the above was held recently at Milton Chambers, Milton Street, Nottingham. Mr. R. A. Page, the liquidator, reported that the ranking liabilities were £820 17s. 5d., all of which were due to unsecured creditors. The assets were estimated to realise £1,120 2s. 6d., from which had to be deducted £397 10s., due on debentures, leaving net assets of £812 12s. 6d., or a deficiency, so far as the creditors were concerned, of £3 4s. 11d. The assets consisted of cash at bank £1,095 2s. 6d., good book debts £16 4s. 7d., and doubtful debts £13 2s. 8d., expected to produce £8 15s. 5d. The liquidator stated that he had been negotiating for the sale of the business since the beginning of the year, and the stock, fixtures and fittings were valued at £1,238, and were eventually disposed of. The purchaser was now carrying on the business. After payment of preferential claims, there was a balance remaining of £1,095, represented by cash at bank. The liquidator added that immediately the creditors' claims had been received, and agreed, he would make a distribution, and anticipated that a dividend of something like 17s. or 18s. in the £ would be paid. The debenture holder had not appointed a receiver, in order to save expenses. The debentures would, of course, form a first charge on the assets. It was decided to confirm the voluntary liquidation of the company, with Mr. Page as liquidator.

Methylated Spirits and Ether Regulations

THE Ministry of Home Affairs for Northern Ireland has issued, with the title Methylated Spirits and Ether Regulations (Northern Ireland), 1928, Regulations dealing with the sale of methylated spirits and methylated ether as affected by the Intoxicating Liquor and Licensing Act (Northern Ireland), 1927. The text of the Regulations is as follows:—

Methylated Spirits

1. Every retailer of methylated spirits shall keep a record of all purchases of such spirits in the form given in the First Schedule hereto annexed.

2. On every sale of methylated spirits the retailer shall before delivery make, or cause to be made, an entry in a book to be kept for the purposes of this and of the foregoing regulation in the form and containing the particulars set forth in the Second Schedule hereto annexed. To this entry the signature of the purchaser and of the person (if any) who introduced him shall be affixed.

3. So much of the foregoing regulation as requires the signature of the purchaser to be affixed to the record of sale shall not apply if the following conditions are fulfilled:—

(a) There has been received by the seller before the sale an Order, in writing, signed by the purchaser stating his name and address, the quantity of the spirits to be purchased and the purpose for which the spirits are required.

(b) The seller is reasonably satisfied that the signature affixed to the Order is in fact the signature of the person purporting to sign it.

(c) The seller forthwith enters in the book in the column assigned to the signature of purchasers, the words "Signed Order" followed by the date on which the Order is executed, and having endorsed the Order with name of the seller and the date on which it was executed, preserve the same for a period of two years from the date thereof.

4. When a retailer of methylated spirits sells such spirits to another retailer he shall enter in column 5 of his register of sales the words "Re-sale."

Methylated Ether

5. In the following regulations the expression "ether" means methylated ether as defined by sub-section (6) of section nine of the Act of 1927, and the expression "proprietary medicine" means a preparation wherein the person preparing the same has, or claims to have, a secret process or exclusive right and which is not manufactured or prepared in Northern Ireland.

6. Every wholesale dealer in ether shall keep, or cause to be kept, a record of all sales of ether and of all sales of preparations containing ether (save in the case of a proprietary medicine containing not more than five per centum of ether) in the form set forth in the Second Schedule hereto annexed, omitting columns 5, 6 and 7.

7. Any person lawfully keeping open shop for the retailing of poisons in accordance with the provisions of the Pharmacy and Poisons Act (Northern Ireland), 1925, is hereby authorised:—

(a) To sell proprietary medicines containing not more than five per centum of ether.

(b) To sell any preparation containing ether, the formula of which has received the sanction of the Ministry of Home Affairs.

(c) To sell any preparation containing ether which is lawfully dispensed in pursuance of a prescription given by a duly qualified medical practitioner, registered dentist or registered veterinary surgeon.

Prescriptions containing ether shall not be supplied more than once on the same prescription.

The prescription shall be marked with the date on which it is dispensed and shall be retained by the person, firm or

body corporate by whom the prescription is dispensed, and shall be available for inspection for two years from the date thereof.

Prescriptions containing ether shall not be supplied in pursuance of this paragraph unless the prescription complies with the following conditions:—

(i) The prescription must be in writing, must be dated and signed by the medical practitioner, registered dentist or registered veterinary surgeon, as the case may be, with his usual signature and address, and must specify the name and address of the person for whose use the prescription is given and the total amount of ether to be supplied on the prescription.

(ii) A prescription given by a registered dentist shall be marked "For local dental treatment only," and a prescription given by a registered veterinary surgeon shall be marked "For animal treatment only."

8. The Minister for Home Affairs may at any time withdraw from any person (either in whole or in part) the authorisation given in the foregoing regulation.

9. Where, in pursuance of paragraph (b) of sub-section (2) of section nine of the Act of 1927, ether is supplied on the order of a medical practitioner or registered dentist for use in a hospital, infirmary, dispensary, or other similar institution, the retailer shall insert in column 2 of the Second Schedule the name of hospital, infirmary, dispensary or other similar institution, and in column 6 the signature to be obtained shall be that of the matron or other responsible official of the hospital, infirmary, dispensary or other similar institution, to whom the ether is delivered.

10. The Ministry of Home Affairs may grant to any person lawfully keeping open shop for the retailing of poisons in accordance with the provisions of the Pharmacy and Poisons Act (Northern Ireland), 1925, a special authorisation entitling such person to sell ether to a person requiring it for manufacturing or scientific purposes and may attach to the said authorisation such conditions as may be deemed necessary.

11. Every person lawfully keeping open shop for the retailing of poisons in accordance with the provisions of the Pharmacy and Poisons Act (Northern Ireland), 1925, who supplies ether shall comply with the following provisions:—

(a) He shall enter or cause to be entered in a book to be kept for this purpose all supplies of ether and all supplies of preparations containing ether (except supplies of proprietary medicines containing not more than five per centum of ether) purchased or otherwise obtained by him in the form and containing the particulars shown in the First Schedule hereto annexed, omitting column 5.

(b) On every sale of ether and of a preparation containing ether (except proprietary medicines containing not more than five per centum of ether) he shall, before delivery, make or cause to be made an entry in the above-mentioned Register in the form and containing the particulars shown in the Second Schedule hereto annexed.

When ether or any preparation containing ether is supplied on the order or prescription of a medical practitioner, registered veterinary surgeon, the order or prescription shall be retained by the seller for a period of not less than two years from the date thereof. When the purchaser is known to the seller, columns 3 and 7 of the Second Schedule need not be completed.

General Provisions

12. All entries in all registers kept in pursuance of these Regulations shall be made in ink.

13. The inspector appointed under section eight of the Pharmacy and Poisons Act (Northern Ireland), 1925, is hereby authorised to inspect all registers and records kept in pursuance of these regulations.

Short Title and Commencement

14. These Regulations may be cited as the Methylated Spirits and Ether Regulations (Northern Ireland), 1928.

15. These Regulations shall come into operation on the first day of March, 1928.

FIRST SCHEDULE

Purchases

1	2	3	4	5
Date on which supply received.	Name of Person, Body or Firm from whom obtained.	Address of Person, Body or Firm from whom obtained.	Amount obtained	If the amount is over 4 gallons, the number of
				Requisition
				Permit

SECOND SCHEDULE

Sales

1	2	3	4	5	6	7
Date of Sale.	Name and Address of Purchaser.	Name, Address, and occupation of the person by whom the purchaser was introduced.	Quantity sold.	Purpose for which required.	Signature of Purchaser.	Signature of person by whom the purchaser was introduced.

CHEMISTS' EXHIBITION

London, May 7-11

THE thirty-third exhibition organised by "The British and Colonial Pharmacist" was opened at Holland Park Hall, London, W.11, by the president of the Pharmaceutical Society (Mr. Herbert Skinner) on May 7. The opening ceremony was followed by a luncheon given by the promoters of the exhibition, a pleasant function at which the guests included Dr. J. J. Hofman and a party of Dutch pharmacists visiting this country. Dr. Hofman was among the few speakers who were called upon at the close of the luncheon; Mr. Skinner and Mr. Alfred Higgs (this year's president of the Proprietary Articles Trade Association) also spoke briefly. Several other well-known pharmacists were also present. Before we summarise our impressions of the principal exhibits, a word of praise must be accorded to those responsible for the stands, which, as a whole, have probably reached a higher standard from an artistic standpoint than in any previous year.

Drugs, Chemicals and Proprieties

ALLEN & HANBURYS, LTD., have a stand attractively decorated with real orchids, provided by Mr. F. J. Hanbury, Brockenhurst. Allenburys foods, rusks, diet and Bynotone now irradiated for the production therein of vitamin D are prominently displayed. Desiccated liver and Kapsol liver extract are also displayed. Among the series of packed galenicals, Torch brand packed drugs, etc., cod-liver oil approved by the Pharmacological Laboratories of the Pharmaceutical Society for vitamin-D content is shown. The Aquagen series of concentrated waters (1 in 64) provide a convenient means for dispensing medicated waters.

THE "AVOCIN" SYNDICATE have a neat display of Avocin, a catarrh and hay-fever specific, "made by pharmacists for pharmacists" and selling at a protected (P.A.T.A.) price.

AYRTON, SAUNDERS & Co., LTD., have a comprehensive display of druggists' sundries. A new line which is shown is Hibiscus hair cream, made in three grades. Among the numerous packed lines are Pilosan, Dispello brand catarrh snuff, lavender moth tablets, lemonade tablets and straws, yeast and sulphur tablets. Dressings in the distinctive "black and mauve" pack are prominently displayed. Ayrtton's Three Essentials socks and Servit woven elastic wristlet are also on view. Dr. Monroe's all-glass atomiser and samples of Ayrtton's "oval" bottles are to be seen.

Packed goods of every description in attractive packs are to be found at the stand of ROBERT BLACKIE, who specialises in spun ointments.

The special feature of the stand of THE BRITISH DRUG HOUSES, LTD., is the display of vitamin preparations, Radiostol (vitamin D), Radiostoleum (vitamins A and D), and Radio-Malt (vitamins A, B and D). Liver Extract B.D.H. and other well-known B.D.H. products are shown, including Æther Puriss. B.D.H., packed in light-proof bottles. Salinax is also shown.

CUPAL, LTD., make a representative display of their packed lines, which include the Red Ring series, Diamond corn cure, Secto, and Dr. Carter's Liver Salts.

J. C. ENO, LTD., once more exemplify the art of display, at their stand and also in one of the illuminated windows shown for a competition. By the clever manipulation of lighting, centrepiece, background and other ingredients of their composition they commend their Fruit Salt, and at the same time present retailers with hints in window dressing.

EVANS SONS LESCHER & WEBB, LTD., make an extremely comprehensive array of their goods on a large stand. The bacteriological products shown include insulin, Sextones and vaccines. Chemicals are represented by bismuth and mercurial salts, glycerophosphates, and scale preparations. Evans' Pastilles occupy a prominent place, supported by Hawley's I.K., Liverpool virus, the Montserrat preparations and other specialities. There is also a wide range of general packed goods.

FASSETT & JOHNSON, LTD., have an extensive display of proprietaries and sundries, from which we may select for mention Angier's Emulsion, Glostora (a hair prepara-

tion), Seabury & Johnson's plasters, and the St. John's Gate brand of dressings and first-aid outfits.

GENATOSAN, LTD., make a special feature of the many effective sales helps available, including a new Genasprin window show.

C. R. HARKER, STAGG & MORGAN, LTD., pay particular attention to a number of their specialities, including Syrup of Figs, Petrolax, Squilkil, etc. A feature is also made of the new capsule department.

HOWARDS & SONS, LTD., have a spacious stand serving the twofold purpose of displaying fine specimens of chemicals and bringing to notice the products for which the house is famous. Some of these, it is interesting to recall, have been manufactured continuously by Messrs. Howards for more than 100 years. Among the items to which prominence is given are Howards' standard ether, Avantine brand of isopropyl alcohol, synthetic menthol and thymol (of guaranteed quality), hydrogen peroxide, and a multiplicity of packed goods, including the ever-popular aspirin tablets. Quinine salts are on view as a reminder of Messrs. Howards' pre-eminence in this series, and scale preparations are another feature.

A display of "Imperial Bee" honey is made by the New Zealand Government. Trade inquiries to A. J. Mills & Co., Ltd., 14 Tooley Street, S.E.1.

JOHNSON & SONS (MANUFACTURING CHEMISTS), LTD., have a display of the most important pharmaceutical preparations, packed counter specialities. Gadus jelly containing cod-liver oil is also displayed.

MENLEY & JAMES, LTD., show a distinctive range of compressed tablets. New preparations are Vitaminose and Neuro Phosphates.

H. R. NAPP, LTD., display pharmaceutical products and fine chemicals (Napoleon brand). The intestinal evacuant Normacol and Merck's pharmaceutical products find a place on the stand. Stages in the process for making vitamin D from yeast and yolk of egg are illustrated by specimen intermediate products and Vigantol, vitamin D irradiated ergosterol in standardised form (pellets, ovoids and solution), is shown. Ephetonin (synthetic ephedrine) and santonine are also shown.

F. NEWBERRY & SONS, LTD., have an attractive stand showing almost at a glance the wide range of proprietaries for which they are agents. Chief among these are the Wampole preparations, the Cuticura series, W. R. Warner & Co.'s Agarol Brand Compound, and Vick Brand Vapour-Rub. Special terms are offered.

OPPENHEIMER, SON & Co., LTD., make a feature of Roboleine, and an interesting exhibit is given of the various constituents of this proprietary. Maglactis is also shown, with other specialities.

PARKE, DAVIS & Co. blend, as usual, attractively packed goods for retail sale with antitoxins and other products of medical interest. Euthymol vanishing cream, a recently introduced line, is quite distinctive in its cartons; other features of a varied display include Dermaseptie shaving soap, Borol, Nema worm capsules (veterinary), and the firm's new erysipelas antitoxin.

PASTILLES, LTD., make an attractive display of Lakerol Brand Bronchial Pastilles (as to which an extensive advertising campaign is going on), and various other Lakerol pastilles—Violet, Extra Malt and Menthol, and several more.

PENNEY & Co., LTD., have an imposing display of proprietaries on view, including Glyrosa, Headclone, Migex, Velocium, and the Luton straw dyes and other dyes manufactured by Whitaker & Co.

PLAIMAR, LTD. (represented by M. Plaistowe & Co., Ltd.), display samples of West Australian essential oils. Prominence is given to sandalwood oil, and some interesting information of the production of peppermint is also available. Boronia otto concrete is also on view, together with Massoia bark oil and Huon pine oil.

REDDGRAVE, BUTLER & Co., LTD., display their medicinal paraffin, of which they are able to guarantee the purity and suitability. They also feature olive oil and many chemicals.

W. J. RENDELL & Co. are showing their soluble quinine pessaries (which, it appears, have been manu-

factured for half a century) and other products. They point out that an advertising campaign for the present year is in progress.

RETAIL PHARMACISTS' SUPPLY ASSOCIATION, LTD., have a well-arranged display of attractively labelled packed goods. Prominent among these is Duocream, which, like the other goods on view at the stand, is manufactured by Thomas Hodgkinson, Prestons & King.

WRIGHT, LAYMAN & UMNEY, LTD., present a representative selection of the products of the house, particular attention being called to the Wright's Coal Tar Soap, Wright's lysol, and Wright's Coal Tar Shaving Cream. The stand occupies a prominent position, and a wide range of "no name" products is artistically arranged in the cases.

YADIL PRODUCTS (1925), LTD., have, in addition to Yadil, a considerable range of products into which it enters. Among these may be mentioned a well-finished toilet soap and a throat pastille of attractive (as distinguished from medicinal) flavour. Counter bills in pad form are obtainable by retail chemists on application.

Among other exhibits in this section are:—

DAE HEALTH LABORATORIES (VEET); THE "DROIT" BATH SALTS CO.; HYGIENIC RESEARCH CO., LTD. (Hydreco preparations for dogs); IRVING'S YEAST-VITE, LTD. (Yeast-Vite Tablets); THE MOND STAFFORDSHIRE REFINING CO., LTD. (Monsol products); W. T. OWBRIDGE, LTD. (Lung Tonic, Pills and Embrocation); THE "RED BAND" CHEMICAL CO. (Red Band magnesia and Natral salt); SANGERS (Dimol); THE THERMOGENE CO., LTD.; YEAST-PIRIN, LTD.

Toilet Preparations and Requisites

R. ADDIS & SON display a great variety of bone and celluloid tooth-brushes. The specialties displayed are Addis severe service and prophylactic tooth-brushes. Demonstrations of the actual manufacture of hand-made bristle brushes are given.

ALLWOOD BROTHERS have one of their cleverly devised shows, consisting of real carnations, carnation perfume, and a series of toilet requisites. The stand affords a change from most other kinds of stand, and at the time of our visit was obviously attracting business.

ANZORA PERFUMERY CO., LTD., make a striking display of Anzora Cream and Anzora Viola, flanked by show-cards and cut-outs. Particulars of the company's advertising scheme are obtainable.

J. & E. ATKINSON, LTD., are now turning out their well-known articles in beautifully designed gift cases at the face value of the contents. New designs in green and gold, and red and gold, have been brought out for Californian Poppy, and a shilling size of this popular perfume is also available. The gold medal eau de Cologne, lavender water and the Au Revoir series are also exhibited with a variety of soaps, powders, creams and bath salts.

T. F. BRISTOW & Co., LTD., have an elegant display of their superfine toilet soaps and perfumery. The recently introduced Rose of England series in attractive pack is displayed as well as the Devonshire Violet, Georgian and Blue Lilac products. Presentation cases containing spray, puff-bowl and perfume are shown.

THE BUTYWAVE CO. have some new lines on display: Butylip, a Liquid Natural Red Lip tint; Parfum Butywave, and Butywave Egyptian Henna Barettes. The show material is in bright, vivid colours, which make a very attractive stand.

CRESSWELL BROS.' BRANCH, INTERNATIONAL SPONGE IMPORTERS, LTD., show a big selection of sponges for all purposes. New lines exhibited include assorted sponges in card boxes, carded Turkey and honeycomb sponges, Ablutonic rubber sponges and sponge rubber bath mats in various shapes and colours. Cresswell's patent sponge figures for chemists' window displays are shown.

"GIVIEMME" PERFUMES, POWDERS AND TOILET AIDS (Sole British agents: G. H. Willoughby & Co., Manchester), manufactured by G. Visconti di Modrone and C.S.A., Milan, are displayed for the first time in this country. A complete range of toilet preparations, perfumed with "Contessa Azzurra" perfume, include creams, powder, soap, toilet waters and lotions.

CHARLES MIDGLEY, LTD., have the working model of

a soap plant operating. It is claimed that this is the smallest complete plant in existence. The display embraces all the well-known toilet and medicated soaps.

MOINELLE, LTD., have an artistic display of high-class perfumes, powders, creams and so forth, including Beau Geste, English Roses, and Fleurs de Provence. A publicity campaign for these distinctively packed goods is to commence on June 1.

THE PALMOLIVE CO. (OF ENGLAND), LTD., display Palmolive soap, shampoo, talcum powders, creams, buttermilk and oatmeal soaps.

PAPIER POUDRÉ, LTD., display their powder books. A new series of toilet preparations comprising perfume, cream, rouge leaflets, shampoo and lipstick, under the name Poppœa has been introduced. Vanity cases of papier poudré with lip-stick and mirror are also shown.

Les Parfums GUELDY possess the characteristics of the highest class of Paris perfumes, and will appeal to those who desire to supply quality and original design.

PARFUMERIE NILDÉ OF PARIS (distributors: Brooks & Warburton, Ltd.) are showing a number of new toilet preparations, including vanishing cream and screw-holder lipstick. The usual Poudre Nildé and Nildé perfumes are also shown.

PRICHARD & CONSTANCE (MANUFACTURING), LTD., besides displaying the well-known Amami shampoos, show the new "Elderflor" series of toilet preparations (cream, powder, perfume), and the new Amami almond oil manicure set.

SOLPORT BROTHERS, LTD., have a display of unusual merit, embracing most of their specialties. The Ivorex shaving brush is a new line packed in a glass-fronted display outer, and the handle of the brush is guaranteed not to split. Another new line, the Research tooth-brush, is packed in a hygienic carton with cellophane front. A new range of decorated down puffs has also been introduced, while the Portia sports shade is a seasonable line.

TOKALON, LTD., have a well-arranged display of their powder and cream, and offer to supply new show material to any chemist who will write for it.

The stand of VINOLIA CO., LTD., is a reproduction of the "motif" employed for the new Aralys series of toilet products. Baby Vinolia products are shown, and a baby cream has been added to the series.

Among other exhibitors in this section are:—

F. C. CALVERT & Co. (carbolic soaps, tooth-powders, etc.); KOLYNOS INC. (dental cream, denture powder, etc.); MOUSON PRODUCTS (soaps and creams); THE PEPSODENT CO. (tooth-paste); TITTERTON & HOWARD, LTD. (hair, shaving and tooth-brushes); VAN ESS LABORATORIES (hair preparations).

Miscellaneous

ANGLO-AMERICAN OPTICAL CO. (ENGLAND), LTD., have a compact display of British-made spectacle frames and eyeglass in a variety of materials, together with Chance's Crookes lenses. They call the attention of the visitor to their cabinet trial case, made in oak, mahogany or walnut.

ARMSTRONG CORK CO., LTD., who are exhibiting, have been making corks for nearly seventy years; each size is known by a number as well as each grade by a distinctive title.

BEATSON, CLARK & Co., LTD., display a wide range of dispensing bottles, recess labelled shop rounds and jars, graduated measures.

COOLING DEVICES, LTD., are introducing freezer dependent on the efficacy of two powders, which when mixed and moistened lower the temperature of the vessel below zero. Icene iceless massage device is priced at 25s., and the Bacchus beverage cooler at 21s.

THE DE VILBISS CO., LTD., have a wide selection of their cleverly designed sprays and spraying products on view, including the Atlas steam vaporiser, Aerol compound and the Atlas pocket spray. A novelty worth examining is their brilliantine spray (retailing at 2s. 9d.), which can be manipulated with one hand.

A. FARLEY & Co. show a comprehensive range of interior shop fittings, designed to meet individual ideas and requirements of shop arrangement and service. A new range of Afco units is exhibited, and various means of building up a variety of fixtures from different units are demonstrated.

WILLIAM GARDNER & SONS (GLOUCESTER), LTD., exhibit their grinding, sifting and mixing machinery.

THOMAS ILLINGWORTH & CO., LTD., have a tastefully arranged exhibit in charge of Mr. Fred Giles, their senior London representative, comprising a wide range of their specialities. Prominent among these is the "fast film in the bright blue box," of which much is being heard; and there are some capital showcards. Messrs. Illingworth emphasise their personal, non-departmentalised interest in their customers.

J. G. INGRAM & SON, LTD., make a comprehensive exhibit of the rubber goods long associated with their name. These include enemas (now differentiated under such brand-names as Eclipse, Zenith and Perfex), bandages, sheetings, teats and tubing. Many of these items are protected (P.A.T.A.) in price.

INGRAM & ROYLE, LTD., have a comprehensive display of the mineral waters, for which they are agents. No fewer than forty of these are named in the catalogue, and there are others.

THE INTERNATIONAL BOTTLE CO., LTD., exhibit bottles for chemists and glass containers for perfumery. Samples of H.A. opalware manufactured by the Hazel Atlas Glass Co. are shown.

JOHNSEN & JORGENSEN FLINT GLASS, LTD., display a wide range of their glassware, a special feature being the new Trident patent safety ampoule.

The exhibit of PHILIP JOSEPHS & SONS, LTD., shows a complete pharmacy fitted in a modern, labour-saving and economical way.

RELIANCE RUBBERWARE, LTD., have a large corner stand on which their numerous products are seen to advantage. One of the most obvious features is the remarkable range of colours in which familiar articles such as sponge bags and hot water bottles are now available, suggesting increased possibilities for display.

JOHN W. ROYLE, LTD., have two well-placed stands. One is devoted to the numerous mineral waters which they import, and the other to a display of soaps, including the Amberbryte soap, shown for the first time last year. This, as its name implies, is a transparent soap of amber colour, and its clearness is effectively shown by means of appropriate lighting.

THE RUBBER GROWER'S ASSOCIATION have the floor of the stand covered with rubber flooring and various types of advertising mats. Specimens of all kinds of medical and surgical rubber-ware are on view, and items which catch the eye are the pneumatic mattresses, hot-water bottles, and a special display of rubber brushes.

THE SCHOLL MANUFACTURING CO., LTD., have a striking display of their foot appliances and preparations, including, in addition to those of an orthopaedic nature, Zino pads, "2" Drop Corn Remedy, Pedico Corn Salve, and Wenal Ointment. These comprehensively planned and increasingly popular aids to comfort may be studied to advantage under expert guidance at the stall.

The chief feature of the exhibit of THERMOS (1925), LTD., is the new "Stronglas" refill, now fitted in most of their flasks. Vacuum jars and jugs are shown.

THE "TOINOCO" HANDKERCHIEF CO., LTD., have a neat display of their well-known handkerchiefs among which is a new and cheaper kind—made, however, in the same original material.

JAMES TOWNSEND & SONS cater for the printing side of business, and are emphasising their facilities for supplying advertising materials.

UNITED GLASS BOTTLE MANUFACTURERS, LTD., exhibit a variety of bottles and glass containers of crystal-clear appearance and even corkage.

G. H. ZEAL, LTD., have a well-arranged display of thermometers (clinical, household, and others), hydrometers, urinometers, lactometers, barometers, and so forth. They explain to the visitor that their Sentinel clinical thermometer, with its specially-designed magnification, is quite easy to read—a feature which makes a good selling point.

Among other stands worth a visit are those of:—THE APOLLINARIS CO., LTD.; JOHN DOWELL & SONS, LTD. (patent infant miniature feeders); HOUGHTON-BUTCHER (GT. BRITAIN), LTD. (Ensign cameras); JEYES' SANITARY COMPOUNDS CO., LTD.; PHOTOGRAPHIC DEALERS' ASSOCIATION; RETAIL PHARMACISTS' UNION; THE VISCOSE DEVELOPMENT CO., LTD. (viskaps).

Festivities

An Ilford Function

A FANCY DRESS DANCE, organised by the Sports Association Committee of Howards & Sons, Ltd., Ilford, was held on April 28. The costumes were judged by Miss Isabel Jeans, the well-known actress, assisted by Miss Deborah and Miss Mary Howard, daughters of Mr. Bernard F. Howard. The first prize went to Miss G. Luck; Miss E. Mahoney was second; and Miss K. Anglum third. Mr. S. E. Helliard, Mr. Nunn, and Mr. Geo. Truman were respectively successful gentlemen. A special prize was awarded to Miss Daphne Helliard. The winners in the lucky spot waltz were Miss Moore and Miss Banks. Three of the directors, Mr. Bernard F. Howard, Mr. Geoffrey E. Howard, and Mr. Hugh Lloyd Howard, together with Mrs. Hugh Lloyd Howard, were present, and joined in the festivities. Mr. A. E. Hunt acted as M.C. A vote of thanks to Miss Jeans and the directors was enthusiastically endorsed.

Exeter Annual Dinner

THE annual dinner of the Exeter and District Branch of the Pharmaceutical Society was held at the Royal Clarence Hotel, Exeter, on April 25, the chairman, Mr. Murray T. Foster (Cullompton), presiding. The attendance included representatives from Plymouth, Taunton, Torquay, Exmouth, Barnstaple, Totnes and South Molton. The toast of "The Pharmaceutical Society of Great Britain and Kindred Associations" was proposed by Mr. J. Hinton Lake, who said that he was perhaps the oldest member present, being in his eighty-third year and having been associated with pharmacy for sixty-seven years. Since its formation in 1841 the society had been surrounded with a halo of Royal Charters. It had been a valued helpmate of the physician, and had also assisted in many ways to promote good health and protect and lengthen the lives of the people. Pharmacy should progress along the lines suggested by eminent scientists, not only in regard to the accurate dispensing of prescriptions, with drugs of absolute purity, but by helping to verify the present somewhat doubtful results respecting food products, such as those containing vitamins. They did not want pharmacy to degenerate into commercialism. Mr. Herbert Skinner (president of the Pharmaceutical Society), who responded to the toast, said the members of the society were still rendering a full 100-per-cent. service to the community. Pharmacy was one of the best callings for acquiring the art of manipulation of detail. Mr. Skinner mentioned that in June Mr. Philip F. Rowsell would be the "father" of the council, after twenty-two or twenty-three years' service. That was a great honour, and the Exeter and District branch ought to be very proud of their distinguished member. The council had collected a fund to assist in the return of a representative to Parliament, but it was not easy to find one. Members did not need to be over-anxious as to what the Parliamentary Committee was doing, and he could assure them that every possible attention was being given to this question of securing suitable representation in the House. With regard to pharmaceutical service in the Army, it was necessary that men trained for the job should carry out the work. Education was one of the primary functions of the council, and pharmacists had to face the question of education sooner or later. The branches would soon have to consider the necessity of pressing for a matriculation standard as the basis of entry into their examinations. Mr. David Reid submitted "The Visitors," to which Mr. B. L. Thomas, clerk to the Devon Insurance Committee, responded. The chairman's health was proposed by Mr. Rowsell, who expressed the hope that the younger members would take a keener interest in the society's affairs. In replying, the chairman said he thought the Council of the society was quite right in not being in too much of a hurry regarding the Parliamentary Fund. The arrangements in connection with the dinner were made by the joint secretaries, Messrs. F. Southerden and A. C. Milton.

Associations' Meetings

Croydon.—A meeting of the Croydon Pharmacists' Association and Branch of the Pharmaceutical Society was held on April 20. Mr. W. O. Morris, chairman of the Branch, presided. Mr. H. Antcliffe, member of the Council, gave an address on *Pharmaceutical Activities*. Mr. Antcliffe indicated that in the future the relationship of the Council with the publication of the B.P. was likely to be more satisfactory. He made a strong appeal on behalf of the Benevolent Fund. In dealing with organisation work, he was of opinion that the branches of the Society should be made more use of in the management of the Society, and pointed out the increased activities of the Law Committee. Mr. Antcliffe thought that all substances now classed as merely "poisonous" should be placed in Part II of the Schedule. Pharmacists, he said, were the only organised profession without a member of Parliament, but he thought in the near future we should have several good candidates in the field.

London (W.).—The annual meeting of the Western Pharmacists' Association was held at 192 Oxford Street, W.1, on May 2, the president (Mr. C. G. Bonner) in the chair. The report of the general secretaries (Messrs. T. Morley Taylor and P. S. Windwood) showed that the year closed with a membership of 376, including seven honorary members. The social secretary (Mr. G. Thomas) reported on the reunion, dinner and dance, all well-attended and successful functions. The report of the treasurer (Mr. W. E. D. Shirtliff) disclosed a balance in hand of £99 14s. Sums were voted as follows: £10 10s. to the Benevolent Fund of the Pharmaceutical Society; £5 5s. to the Society's Orphan Fund; £2 2s. to the Early Closing Association. The auditors, Messrs. W. Wilkinson and R. E. Lowusbrough, were re-elected.

The president referred to the resignation of Mr. William Browne after twenty years' service on the committee, and proposed a special vote of thanks to him for his services. This was carried unanimously. A ballot for the election of four members of committee resulted in the return of Messrs. W. E. Cane, A. R. Melhuish, W. E. D. Shirtliff and G. A. Tocher, the first three of whom had offered themselves for re-election. Mr. Hemingway proposed a hearty vote of thanks to the president and officers of the Association, which was seconded by Mr. Alban Atkins and carried unanimously. A special appeal was made that any member able to raise a team for tennis, croquet or quoits would communicate with Mr. W. E. Cane, 10 Gloucester Road, S.W.7.

Manchester.—At a special meeting of the council of the Manchester Pharmaceutical Association the following officers were elected for 1928-29:—*President*, Mr. William Kirkby, M.Sc.; *Vice-Presidents*, Mr. J. Collins and Mr. W. I. Scholes; *Treasurer*, Mr. A. J. Pidd; *Secretary*, Mr. T. Miller; *Social Secretary*, Mr. J. H. Franklin.

Thames Valley.—A general meeting of the Thames Valley District Pharmacists' Association, at which the president (Mr. Alfred Higgs) occupied the chair, was held on April 25. The secretary reported that there was a small balance in hand after all the accounts had been settled for the annual dinner. Mr. T. Marns then addressed the meeting on his candidature at the coming Council election. The Association's secretary (Mr. E. L. Slade), who is also a candidate, then addressed the meeting. It was proposed by Mr. Clement that Messrs. Slade and Marns have the support of the Association. Mr. Marns then delivered an address with lantern slides entitled *Impressions of Canada and United States*.

Women Pharmacists.—The annual meeting of the National Association of Women Pharmacists was held on April 25, in the Library, 17 Bloomsbury Square, the president (Miss Hooper) in the chair. The following officers were elected for the ensuing year:—*President*, Miss Dennis Hayes; *Vice-President*, Miss Kirkwood; *Secretary*, Miss Hodgkinson; *Assistant Secretary*, Miss Blundell; *Employment Secretary*, Mrs. Patterson; *Treasurer*, Miss Sproule; *Committee*, Mrs. Freke, Miss Hooper, Miss Cross, Miss Harvey, Miss Coulson, Miss Smith; *Auditors*, Mrs. Worth, Miss Bedell.

Pharmaceutical Society of Great Britain

Examination Results

The following are the results of the Pharmaceutical Society's April Pharmaceutical Chemist Qualifying examinations:—

London.—Four candidates were examined; the following two passed:—Mary E. Stevens, Hubert A. Turner.

Edinburgh.—Three candidates were examined; the following passed:—Robert J. Nairn. One candidate was referred.

Branch Meetings

Carmarthen.—The annual meeting of the Cardigan, Carmarthen and Pembroke Branch was held at Carmarthen on April 24. The following officers were elected:—*Chairman*, Mr. D. Morris, Llanelly; *Vice-Chairmen*, Mr. I. Miles Davies (Lampeter) and Mr. B. Pugh Davies (Haverfordwest); *Secretary and Treasurer*, Mr. J. Gower, 14 Vaughan Street, Llanelly. A vote of thanks to the retiring chairman (Mr. P. Davis) was passed.

Cheltenham.—The annual general meeting of the Cheltenham and District Branch was held on April 26, Mr. T. B. Wickham (chairman) presiding. Prizes were presented to students in connection with the local Technical School examination, the successful recipients being Messrs. H. Hartland, W. R. Pritchard and C. K. Margetson. The treasurer's report showed a balance in hand. The secretary's report showed a successful session both pharmaceutically and socially. The election of the 1928-29 executive resulted as follows:—*Chairman*, Mr. H. Burton Clark; *Vice-Chairmen*, Messrs. O. A. Fortey, Brooke W. Gregory, William H. Hill, Percy James; *Treasurer*, Mr. Wm. J. Thomson; *Auditor*, Mr. Frank T. Palmer; *Committee*, Messrs. J. Bisset, R. A. Cheshire, C. K. Gregory, H. Hands, J. Hogg, C. H. James, H. B. Lloyd, H. O. Lloyd, A. C. Lydford, H. Miller, L. A. Mills, F. Stopforth, T. B. C. Wickham, W. Wolstenholme; *Secretary*, Mr. Percy James, 3 Glenfall Terrace, Cheltenham. At the end of the meeting the programme for the British Pharmaceutical Conference, which is to be held in Cheltenham this year (July 23-25), was outlined by the chairman and secretary.

Cumberland (W.).—A meeting of the West Cumberland Branch was held on April 1 at Workington. There was a good attendance from Carlisle, Penrith, Keswick, Maryport, Egremont, Cleator Moor, Whitehaven, Harrington and Workington. Mr. Thomas Hardy (Maryport) was in the chair, and Mr. F. G. Hines (York, a member of the Council) gave an address on *Apprenticeship Under the New Regulations*. Mr. Hines said that a good secondary school education was absolutely essential, with the Senior Oxford examination or even matriculation, before entering upon apprenticeship. The apprentice ought to attend the science classes in the technical schools if possible, so that he might be able, at the close of his apprenticeship, to pass Part I of the Preliminary Science examination. The speaker urged apprentices to study for and, if possible, obtain either the Jacob Bell, Manchester or Leverhulme scholarships. There was an interesting discussion, in which Messrs. Townley, Ridley, Wandless, Grayson and Hardy took part. Mr. J. H. Grayson proposed a vote of thanks.

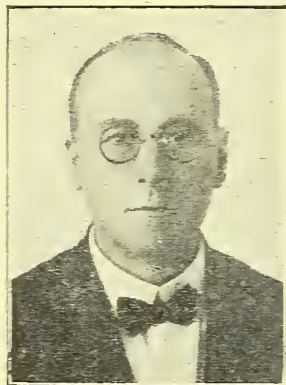
Newcastle.—The sixth annual meeting of the Newcastle, District and Northumberland Branch was held at Newcastle-upon-Tyne on April 19, Mr. James Whittle in the chair. The officers and council for the coming year were elected as follows:—*Chairman*, Mr. R. Pool; *Vice-Chairmen*, Messrs. J. Whittle and H. C. Roper; *General Secretary*, Mr. G. H. M. Graham; *Social Secretary*, Mr. R. H. Dennison; *Auditors*, Messrs. J. Park and W. D. Kinnis; *Solicitor*, Mr. C. E. Layne; *Representative to Chamber of Commerce*, Mr. F. Gilderdale; *Lanternist*, Mr. C. A. McClosky; *Executive Council*, Messrs. G. Rae Patterson, Hedley Pattinson, J. Elder, H. Rutter, P. Waton, T. H. Flemming, R. Hepworth, H. S. Williamson, J. F. Simpson, G. H. Cooper, R. B. Brown, and F. Gilderdale.

Council Candidates

In our issues of April 21 (p. 505), April 28 (p. 534) and May 5 (p. 566) we published the views on pharmaceutical politics of nine of the candidates for the Council election, which closes on May 16. We now conclude the series with the statements sent us by the other five pharmacists.

Mr. Herbert Skinner, Ph.C.,

deserves to be placed at the top of the poll, as some recognition of the amount of work he has done for pharmacy.



MR. H. SKINNER, PH.C.

Mr. Skinner was first elected to the Society's Council in 1916, and since then has been in the thick of the fight. He has been chief pharmacist for thirty-two years at the Royal Northern Hospital, Holloway, N., which is noted among the London hospitals for the efficiency with which the dispensary is managed. Mr. Skinner is a Lincolnshire man, and was born at Brigg in 1868. He was apprenticed to Mr. S. Cook, Hyson Green, Nottingham, and afterwards served as an assistant in Sheffield, Burton-on-Trent, Worthing, and London. He passed the Qualifying examination in 1891, and afterwards the Major when he was engaged in the dispensary at Guy's Hospital. Mr. Skinner edits the "Serpent," "dispensed monthly" to chronicle the doings of London chemists' associations. He accepted some years ago the secretaryship to the trustees of the Fairchild Scholarship, and reorganised it on its present basis. It is interesting to note that the Leverhulme scholarships foundation started from the model of the Fairchild. London drug-trade sports and those of the British Pharmaceutical Conference owe much to Mr. Skinner, the sports day of the Conference having firmly established itself as one of the prime features of that week's events. In 1926 he was elected vice-president of the Pharmaceutical Society, and last year he became president. Mr. Skinner, with his customary initiative and driving power, created a precedent in the autumn by carrying out, accompanied by Mr. Marns, a strenuous tour in Canada and the United States, a tour which cannot fail to be of value in increasing the knowledge of each other of pharmacists on the opposite sides of the Atlantic. Mr. Skinner is one of the signatories to the joint statement issued by the six candidates who are seeking re-election. He also writes:—

I stand on my record of twelve years' continuous service in pharmacy for all grades and every advanced thought. As president I look forward to being joined by every one of the retiring six seeking re-election. My knowledge of them and the work they have done and are doing justifies me in asking for a renewal of confidence by the largest majority of modern times.

The joint statement signed by Messrs. Antcliffe, Beardsley, Marns, Parry, Peck and Skinner is as follows:—

The triennial period for seeking re-election offers an opportunity to lay before the electors a record of work done and to indicate lines of further development.

We regret our esteemed colleague, Mr. Edmund White, has decided not to seek re-election. The Council and every member of the Society will feel a sense of loss on his retirement.

The past three years have been devoted to the conservation of the Society's legal position; in co-operation on the future compilation of the British Pharmacopœia; the

development of the pharmaceutical publications, such as the Codex and Pocket Book; and the promotion of a Quarterly Journal of Pharmacy and Allied Sciences, setting out the technical developments in pharmacy; the consolidation of "The Pharmaceutical Journal" for business purposes; the inspection of schools of pharmacy; the promotion of adequate pharmaceutical services in the Army; maintaining legal protection; promoting parliamentary organisation; encouraging active local development in junior branches, thus providing for the future welfare of the Society; and developing the Pharmacological Laboratories.

Our continued service is needed for the following:—

(a) *Departmental Committee on the Pharmacy and Poisons Acts.*—No report is yet available, but it is essential that those who prepared the Society's case should be re-elected to maintain the position.

(b) *British Pharmacopœia.*—We shall uphold the position of the Society in its future production.

(c) *Parliamentary Organisation.*—Great detail work is now being carried out, and we have every hope of successfully meeting the need of representation in the House of Commons.

(d) *Titles.*—We shall maintain the title "Chemist" intact.

(e) *The New Examinations.*—Adequate provision is now being made for the changes from oral to written, including alterations in regulations where expedient.

(f) We shall maintain all the best in administration which experience has taught, and keep ourselves free to use every new idea likely to be of service in the future.

To enable us to continue this work, we ask for a renewal of your votes and confidence, first on our record and secondly on the urgent need of experience at this juncture of the Society's affairs.

Mr. Lewis Moreton Parry

was born in Anglesey and educated at Liverpool Institute. After serving his apprenticeship to the late Mr. J. L. Jones, Llanerchymedd, he enlarged his experience in Dublin, London, Paris, Liverpool, Brighton and Eastbourne. In January 1902 Mr. Parry commenced business in Oakfield Road, Liverpool, since which time he has been active in the pharmaceutical life of the city.

For a long period he has served on the Council of the Liverpool Chemists' Association, filling the office of secretary during eighteen months of that time; he has also been secretary of the Liverpool Pharmaceutical Committee, the local branch and the North-Western Executive of the Retail Pharmacists' Union, and the National Association of Opticians. He was one of the founders of the United Chemists' Association, Ltd. Mr. Parry's record as a councillor of the Pharmaceutical Society extends over several years, and includes chairmanship of the Benevolent Fund and War Auxiliary Benevolent Fund Committees, in addition to service on the Law, Journal and Education Committees. Last year he was elected to the vice-presidency of the Society. Mr. Parry writes:—

Any remarks additional to the views expressed in the joint address published by the six retiring members of Council must be phrased in general terms.

Many important issues have to be faced, in the near future, which can only be efficiently solved by men with long and wide experience of pharmaceutical administration. The advancement of the profession of pharmacy, particularly during recent years, demands adequate recog-



MR. L. M. PARRY

nition. We have raised the status of our calling, established a high standard of training, education, and examination, and merit the harvest of achievement. We claim to have planned well, with clear vision as to the needs and possibilities of the future. It only remains to find adequate means, when legislation comes, to be able to state our case in the lobbies and on the floor of the House. Clearly parliamentary representation is the most urgent problem of the moment. The committee responsible for this task is not controlled by the Council, but from inside knowledge I can vouch that everything possible has been and is being done to bridge the gap and ensure the election of pharmacist members of Parliament. After fifteen years of active service on the Council, I still believe that pharmacy is steadily coming into its own, and that we shall become more and more an essential part of the National Health services of the country.

Mr. E. Saville Peck, M.A., Ph.C.,

is in business at Cambridge. He was apprenticed to his father, the late Alderman George Peck, and won the



MR. E. SAVILLE PECK, M.A., Ph.C.

Herbarium bronze medal of the Pharmaceutical Society in 1884. After passing the Major examination in 1889, Mr. Peck studied for the Cambridge Degree in Arts, graduating B.A. in 1896 and proceeding to M.A. in 1899. He was secretary of the British Pharmaceutical Conference from 1901 to 1912, and was on two occasions President of the Conference. His war service was summarised in the *C. & D.*, I, 1921, p. 822. Mr. Peck indicated his views on pharmacy in his address on October 6, 1920, at the opening of the School of Pharmacy

of the Pharmaceutical Society, and again as President of the British Pharmaceutical Conference in the following year. As an examiner for twenty years and inspector of institutions where pharmacy students are taught, he may be accepted as an expert on pharmaceutical education and examination. In November 1924 Mr. Peck was returned unopposed as representative of the Fitzwilliam ward on the Cambridge Town Council. He was invited in November last to deliver the Harrison memorial lecture, and advocated the inauguration of a diploma in physiological chemistry or the addition of this subject as an alternative in the Pharmaceutical Chemist qualification. He was elected chairman of the Education Committee in June 1927, and is serving on the Establishment, Journal and Science Committees. Mr. Peck sends us the following statement:—

My experience upon the Council during the last six years has shown me the necessity of closely watching the actions of the various Government departments. When the report of the Departmental Committee is published, questions of grave importance to pharmacy will doubtless arise. This will call for clear thinking and strenuous action. My work in connection with the League of Ex-Service Pharmacists, especially when interviewing members of Parliament, has shown me that as the Secretary of State for War admitted, pharmacy has many friends in the House of Commons. They need, however, co-ordination and strengthening by a pharmacist member of the House. I consider that there is great need for reorganisation of the syllabus of training and examination more closely allied to the modern progress in medicine. I appreciate the general usefulness and great advantage of a knowledge of physiological chemistry rather than the specialised knowledge of the pharmacognosy of vegetable drugs. I am of the opinion that some steps should be taken to ensure that the apprentice in pharmacy is given satisfactory training during his practical work in the pharmacy. I would stoutly defend the title of chemist.

Mr. Frederick George Wells

was born in 1888, and was educated at Maidstone Grammar School. After being apprenticed to his father, Mr. W. G. Wells, Maidstone, he went to Mr. Chesterfield, Gillingham, and from there to Mr. S. W. Dawson, West Norwood, during which time he attended evening classes at Lucas's College of Pharmacy; after a three months' full course he passed the Qualifying examination in 1911.

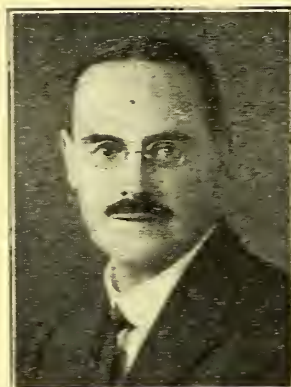
Then followed a spell of *locum* work before going to Howard & Son, Tunbridge Wells. Mr. Wells afterwards came to London, and after seven years' experience with Lewis & Burrows bought his present business at Battersea in 1919. A few months ago he purchased the business of Mr. T. Beech, Stockwell Road, where optics is a profitable side-line, so he may fairly claim to be interested in the "optical" section. During the war he assisted in forming the Wandsworth Sanitary Section, which later developed into the Pharmacists' Volunteer Training Corps, and rose to the rank of sergeant-major. On going to South-West London Mr. Wells joined the local association; since then he has served in every official position on that body, including that of president for 1925-27; he has also been secretary of the local branch of the Retail Pharmacists' Union, and he has just vacated the position of chairman. At present he holds the position of treasurer to three bodies. Mr. Wells sends the following statement:—

During the years I have been associated with pharmacy I have given time and thought to all matters pertaining to the craft and, as will be seen by my record, have taken an active interest in them. If elected to the Council, I shall continue to do my best for all classes in pharmacy, from the apprentice to the pharmacist in business, realising that the apprentice of to-day is the pharmacist of to-morrow. I believe the Council at the present moment is fully alive to the needs of pharmacists; it is working whole-heartedly for the craft, cautiously, and more successfully than ever before. I shall support them in every right and considered effort for the same object. At the same time, I claim the right of independence should there be any lapse from the best obtainable.

Mr. James Fallows McNeal

is of Scottish nationality, and was educated at Queensbury and Longton Grammar School. He was the first apprentice of Councillor

W. H. Kemp, J.P., Stoke-on-Trent, twenty-two years ago; after completing his apprenticeship he held assistantships in Margate, Bournemouth, Bromley, South-West London and in the West End with G. Jolley & Co., Curzon Street, Mayfair. His original intention was to become an analytical chemist, and he studied with this object in view. The great war came: Mr. McNeal served nearly four years in the Army, and on demobilisation was on the staff of the Northern Command Headquarters at York. He qualified in 1921 after studying at the London



MR. F. G. WELLS



MR. J. F. MCNEAL

College of Pharmacy, and then served for a further period with Messrs. Jolley before opening a pharmacy and sight-testing business at Northwood, Middlesex. Mr. McNeal was an active member of the Harrow and District Branch of the Pharmaceutical Society, and in 1926 he was elected president. In 1927 he was elected a member of the Ruislip-Northwood Urban District Council, serving on the public health and housing committees. Among other activities he was a local secretary and a founder of the Northwood Branch of the Greater London Fund for the Blind and a founder of the Northwood Branch of the British Legion, being also a treasurer of the latter in 1925. Mr. McNeal is now inaugurating a new pharmacy in Eastbourne. A keen student of optics, holding the diploma of four examining optical bodies, he can also claim pharmaceutical and municipal experience. Mr. McNeal sends us the following "policy and programme":—

I would remind chemists of the following paragraph from a recent letter of mine . . . :—It is equally true of all public bodies that, to secure the aims and objects for which they exist, the members of the Council concerned must be made to realise that support will be firmly withdrawn unless they apply themselves successfully to their task. Results are the only standard by which we can judge. For some time now legislation has been unfavourable to chemists, and this reflects discredit on the abilities of the Council as at present constituted. With post-war conditions, the Council have demanded a higher standard of education from students, not realising that these students in turn would require a higher status and standard from their councillors. What was good enough for chemists in the past cannot be good enough to-day, that is, if we are to progress. The Council a year ago were agitated over the pending report of the Commission appointed by the Government to inquire into the poison laws, etc.; this report is not yet to hand, which shows that they are either completely out of touch with this Government department or made it an excuse to confuse the issue and delude the electors. Thus matters are now reaching a crisis, and the result of the poll will show whether chemists are prepared for the Slough of Despond without a final attempt to attain their proper position in the community. My object is greater protection for the service that chemists, and chemists alone, can render, and for which they are scientifically trained. I thank those 1,734 chemists who gave me their support last year, and again ask for their confidence to enable me to obtain at least 6,000 votes.

Royal Academy of Arts

THE hundred and sixtieth exhibition of the Royal Academy of Arts, which opened at Burlington House, London, W.1, on May 7, affords a sufficiently agreeable way of spending—or wasting—two or three hours; and in the absence of any attempt at distinguishing between greater and less artistic importance, except for the placing of certain pictures in Gallery III, the visitor is free to evolve his own scheme of classification. After the mental elimination of the derivative or atavistic work—that which "throws back" to Rembrandt, to Botticelli, to the great Japanese artists of the eighteenth century, and so forth—not much is left for storing in the memory. Cut flowers are more pervasive than usual; and next in frequency, probably, are interiors of barns, with the disarray of farm implements dear to the heart of the average artist. Everyone will find something of interest in the portraits: we may mention those of their Majesties (127 and 218), the Prime Minister (434), Sir Frederick Gowland Hopkins (243), Sir Arthur Keith (100)—a not entirely successful presentation, Professor A. G. Perkin (382), and Mr. Alfred Palmer, the first president of council of Reading University (374). Among the statuary will be found busts of Sir Frederic Kenyon, the director of the British Museum (1450), and Dr. A. S. Woodward, Dean of the Westminster Hospital Medical School. A link with pharmacy is provided in the shape of a delightful miniature (1045), a portrait by Miss Ethel C. Brisley, daughter of a pharmacist; and Conference visitors will be reminded of past meetings by

scenes in or near Brighton and Scarborough. The architectural design for the new Westminster Ophthalmic Hospital (1344) attracts in passing, as also do two book-plates (1200 and 1202), neither of which, unhappily, is a pharmaceutical one. The whimsicalities of the painter's art are not abundant this year; but some cruel humorist has depicted, with the title "Render unto Cæsar" (499), an elderly taxpayer attempting to understand his income-tax form—a subject that comes home to men's "business and bosoms."

Proposed Memorial to Sir William Glyn-Jones

WE have received the following appeal, which we endorse on p. 603 of this issue:—

SIR,—The late Sir William Glyn-Jones devoted his life to the service of pharmacy. The different organisations in the drug trade which benefited directly by his work feel that there should be some general memorial to perpetuate his memory worthily. There have been several appeals to the trade in recent months, but, as the presidents and chairmen of those organisations, we have no hesitation in appealing to all sections of the drug trade for subscriptions to a Glyn-Jones memorial fund. We appeal to members of the Pharmaceutical Society, whom he served as a member of Council, in the House of Commons, and as secretary and registrar; to those manufacturers, wholesalers and retailers who have benefited by the operation of the Proprietary Articles Trade Association; to the members of the Drug and Fine Chemical Manufacturers' Association; to those ex-Service men for whom he secured the Government grant for training, and to those persons, firms and associations overseas who knew him and valued his work. What the memorial will be must depend to a great extent upon the response to our appeal. We have considered many suggestions, and four that seem to us appropriate we give below. We welcome others:—

(1) A memorial scholarship, possibly post-graduate, to enable a pharmaceutical chemist to spend one or two years in research work in a foreign university; or to provide for the pharmaceutical education of a student unable to qualify without financial assistance.

(2) Provision for the maintenance and education of one or more orphans of pharmacists.

(3) A Glyn-Jones memorial lecture to be given at the British Pharmaceutical Conference or alternating with the Harrison memorial lecture, with a memorial medal for the lecturer.

(4) Glyn-Jones medals to be presented annually to each of the schools of pharmacy recognised for the Pharmaceutical Chemist Qualifying examination (there are ten) for award to the best student of the course.

We may add that we understand that the Council of the Pharmaceutical Society proposes to erect a memorial in the Society's House from the Society as a body. In conclusion, we ask each individual to accept responsibility for the success of this appeal, and to take his part in seeing that the memorial is worthy of the man and his work. Subscriptions should be sent to the secretary of the Pharmaceutical Society at 17 Bloomsbury Square, W.C.1. They will be acknowledged in "The Pharmaceutical Journal."—Yours faithfully,

HERBERT SKINNER,

President of the Pharmaceutical Society of Great Britain.

HARVEY P. ARTHUR,

Chairman of the North British Executive.

ALFRED HIGGS,

President of the Proprietary Articles Trade Association.

J. E. FRENCH,

Chairman of the Chemists' Defence Association.

D. LLOYD HOWARD,

Chairman of the Drug and Fine Chemical Manufacturers' Association.

WHAT THE PUBLIC WANT?—"In a suburban road in the Midlands," writes a correspondent, "the legend 'Corn Cure' is to be seen in a house let at £50 per annum inclusive."

Business Changes

MR. JAMES GLENDINNING, Ph.C., has acquired the business of McLaughlin & Allen, chemists, Londonderry.

MR. W. WATT, chemist and druggist, 1 Chatten Place, Aberdeen, has taken into partnership Mr. E. Stephen, chemist and druggist.

F. STEWART & Co., chemists, Commercial Street, Pathhead, Kirkcaldy, are opening shortly a branch in the Overtown Road district.

MR. JAMES TROTTER, chemist and druggist, lately with Mr. T. McKinnon, Govan, has opened a business on his own account at Milngavie.

MR. W. FLEMING, chemist and druggist, has taken over the business of Mr. C. M. Snow, chemist and druggist, 19 Belle Vue Street, Filey.

THE COVENTRY AND DISTRICT CO-OPERATIVE SOCIETY have acquired the business of G. W. Jelley, Ltd., chemists, Smithfield Street, Coventry.

MR. R. GARNER, chemist and druggist, Liverpool, has taken over the business of Mr. P. J. Ashfield, chemist and druggist, 28-30 High Street, Rhyl.

MR. J. D. CLARK, chemist and druggist, has taken over the business of Mr. F. Johnson, chemist and druggist, Regent Pharmacy, Hoole, Cheshire.

MR. JOHN WALKER, chemist and druggist, Greenock, has taken over the business of Mr. R. F. Linklater, chemist and druggist, Cardwell Bay, Gourock.

MR. W. W. S. GOULD, chemist and druggist, has taken over the business carried on by Mr. T. C. Miller, chemist and druggist, at 38 High Street, Langholm.

MR. JOHN SCOTT, chemist and druggist, who for many years has carried on business at 51 Roxburgh Street, Greenock, has opened a branch at 54 Ann Street, Greenock.

MR. J. D. CLARK, chemist and druggist, has acquired the Regent Pharmacy, Ermine Road, Hoole, near Chester, formerly conducted by Mr. Frank Johnson, chemist and druggist.

Trade Notes

ERASMIC CO., LTD., Warrington, make an interesting announcement in connection with their Peerless toilet soap on another page in this issue.

PRICE REDUCTION.—F. C. Calvert & Co., Manchester, announce a reduction in the price of the jar of Calvert's Carbolic Ointment. The prices of the ointment in tins remain unaltered.

BURROUGHS WELLCOME & Co. are issuing an instructive and well-illustrated booklet on "Pictorial Perfection in Photography." A copy will be sent to chemists post free on application.

T. H. HARRIS & SONS, LTD., Stratford, London, E.15, offer to send on request samples of their powdered soap which is specially suitable for shampoo powders and other toilet preparations.

OLIVE OIL.—Astor, Boisselier & Lawrence, 5 & 6 St. Dunstan's Hill, London, E.C.3, and 47 Market Street, Manchester, can supply Martinelli brand olive oil at competitive prices. Further particulars are given in the advertisement pages.

KARMOID TABLETS—International Laboratories, 10 Phoenix Place, Mount Pleasant, London, W.C.1, ask us to call the attention of subscribers to the corrected wholesale price of Karmoid tablets, as given in the firm's advertisement in this issue.

AN APERIENT CROQUETTE.—Chocolax is the name applied to croquettes of chocolate disguising an effective laxative for children. This aperient has been placed on the market by Mr. William F. Freeman (Freeman's Chlorodyne, Ltd.), 70 Kennington Park Road, London, S.E.11, from whom fuller particulars are available.

A VANITY BOX in shell, which has recently been produced by Dick & Nicolle (1926), Ltd., 258-262 Holloway

Road, London, N.7, is excellent value. Complete with mirror and puff, and available in rouge, naturelle and rachel powder, it is a line which will interest most chemists. Full particulars and prices may be obtained on application.

REFRIGERATORS.—Recent legislation in regard to preservatives in food has rendered the matter of cold storage in sick rooms, nurseries and small households of prime importance, and chemists should be prepared to meet the demand for freezing machines and freezing mixtures. Several types of refrigerators are made by Albert C. Shoppee, Ltd., Belmont Street, Chalk Farm, London, N.W.1, who will send C. & D. subscribers an illustrated catalogue post free on request.

NOVEL WEIGHING MACHINE.—A new type of personal weighing machine specially designed for the chemists' trade is being manufactured by the Autoway Scale Co., 13 Wellington Street, Glasgow (London agents: V. Littford & Co., Ltd., 106 Queen Victoria Street, E.C.4). The fittings in a chromium-nickel alloy, a slab of mosaic marble, and a mirror blend well with the mahogany cellulose finish. The dial is about 10 inches in diameter and sloped at a convenient angle, while the reading is almost instantaneous and can be obtained by the customer without assistance.

Trade-mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1928, p. 329.

(From "The Trade-marks Journal," April 25, 1928.)

"FACHE": for chemicals (1). By L. Berger & Sons, Ltd., 201 Morning Lane, Homerton, London, E.9. 487,735.

"ELUXOLITH": for water softening chemicals (1). By Electrolux, Ltd., 153 Regent Street, London, W.1. 488,344.

"SILVEX": for all goods (1). By Reckitt & Sons, Ltd., Dansom Lane, Hull. 489,248. (Associated.)

"MUSTAFIL" and "LECAFIL": for chemicals (1). By I. G. Farbenindustrie Aktiengesellschaft, Mainzerlandstrasse 28, Frankfurt-on-Main, Germany. 489,365/366.

"MCKEECHNIE": for sulphate of copper (2). By McKeechne Brothers, Ltd., Rotton Park Street, Birmingham. 483,972.

"NEKO": for medicated soap (3). By Parke, Davis & Co., 50 Beak Street, Regent Street, London, W.1. 482,656.

"EMULSION SCOTT": for an emulsion of cod-liver oil with hypophosphites of lime and soda (3). By Scott & Bowne, Ltd., 10 Stonecutter Street, London, E.C.4. 486,153. (Associated.)

"FEVOL": for a medicine for fever and influenza (3). By P. R. Childe, 593 Coleridge Road, Attercliffe, Sheffield. 488,271.

"VAPEX" on label, including pyramid shape and letter-press; for an inhalant (3). By T. Kerfoot & Co., Ltd., Oldham Road, Bardsley, Lancs. 488,173. (Associated.)

Device of feeding cup; for medicated salve (3). By Opoterapia Gesellschaft mit beschränkter Haftung, 37A Friedrichsruherstrasse, Berlin Grunewald, Germany. 488,173. (Associated.)

"RIMA" on device, including girl with birds ("Rima" disclaimed); for soap (43) for export to and sale in countries outside the United Kingdom. By Hazlehurst & Sons, Ltd., Bebington, near Birkenhead. 486,110.

"CORANA": for perfumery, etc. (43). By Heppells, Ltd., 16 Grosvenor Place, London, S.W.1. 487,632. (Associated.)

"TÉLÉPATHIE": for perfumery, etc. (43). By The Dubarry Perfumery Co., Ltd., Goldstone Laboratories, Hove, Sussex. 489,114.

"GALO": for manicure preparations (43). By The Glazo Co., 947 Blair Avenue, Cincinnati, Ohio, U.S.A. 486,833.

(From "The Trade-marks Journal," May 2, 1928.)

"GUIDEOGLAZE": for all goods (1). By National Safety Services, Ltd., 69 Wrawby Street, Brigg, Lincolnshire. 484,816. (Associated.)

"W. J. BUSH & Co." facsimile signature on label device including medals; for chemicals (1), (2), medicinal chemicals (3), food substances (42), mineral waters, etc. (44), and perfumery, etc. (43). By W. J. Bush & Co., Ltd., 23 Ash Grove, Hackney, London, E.8. 483,736/787/788/789/791/792. (Associated.)

Births

Notices for insertion in this column must be properly authenticated.

BODEY.—On April 30, the wife of Arthur Bodey, chemist and druggist, 51 Church Road, Weston-super-Mare, of a daughter.

LANGLEY.—At The Pharmacy, Foulsham, on May 8, the wife of G. H. Langley, chemist and druggist, of a son.

SUCH.—At 1 Roman Terrace, Roundhay, Leeds, on May 6, the wife of W. R. Such (representative of Evans Sons Lescher & Webb, Ltd.), of a son.

Marriages

KIMPTON—HAZLERIGG.—At St. Paul's Church, Portman Square, London, W.1, on April 17, Anthony C. W. Kimpton (Kimpton Brothers, chemical merchants, 36 and 37 Mincing Lane, E.C.3), elder surviving son of Mr. and Mrs. Charles H. Kimpton, Wallington, Surrey, to Rachel E. Hazlerigg, eldest daughter of Sir Arthur and Lady Hazlerigg, Noseley Hall, Leicester.

Deaths

BEATTIE.—At Belfast, recently, Miss Jane Beattie, daughter of the late Mr. James Beattie, Ph.C., Wellington Street, Ballymena.

RITCHIE.—At Nelson, Lancashire, on April 28, Mr. David Ritchie, retired chemist and druggist, aged eighty-three. Mr. Ritchie carried on business in Aberdeen for a long period. He was president of the local association, at that time known as the Aberdeen and North of Scotland Society of Chemists and Druggists, when the British Pharmaceutical Conference met at Aberdeen in 1885: during his term of office the Society moved to new rooms in Bridge Street. At the second Aberdeen meeting of the Conference in 1908, Mr. Ritchie, who had then retired from business, served as a member of the Local Executive Committee. The photo-



MR. D. RITCHIE

graph reproduced here was taken shortly before that event.

HALE.—At Leatherhead, on April 28, Mr. Albert Henry Hale, retired chemist and druggist, aged eighty. Mr. Hale carried on business at 3 York Street, Broadstairs, where he was also sub-postmaster, for a long period, and retired about five years ago. He was one of the founders and a Past-Master of the Bradstow Lodge; he had also been W.M. of the Lewises and Royal Navy Lodges, Ramsgate, and had filled the chair of the Alfred Wootton Chapter, Margate.

MORRIS.—At 66 Bromley Road, Catford, on May 7, Mr. Charles James Morris, aged forty-four. The late Mr. Morris had been associated with the Mincing Lane shellac trade for twenty-eight years, and was a partner in Hicks Brothers. The business will be carried on by the surviving partner, Mr. Charles Hutchins.

PALMER.—On April 25, the mother of Mr. C. J. Palmer, chemist and druggist, 20 King Street, Twickenham, aged ninety-four.

POLIMENI.—At "Trinacria," 10 Brondesbury Road, London, on May 7, Mr. Antonia Polimeni, aged eighty-three. Mr. Polimeni was formerly in business as a drug importer in Mark Lane, E.C.

TAYLOR.—At Blackpool, on April 26, Mr. Harold Taylor, chemist and druggist, aged forty-four.

Personalities

MR. W. J. WILLIAMS, M.P.S., A.L.A.A., a director and secretary of F. Newbery & Sons, Ltd., Charterhouse Square, London, E.C.1, has been elected a Fellow of the Chartered Institute of Secretaries.

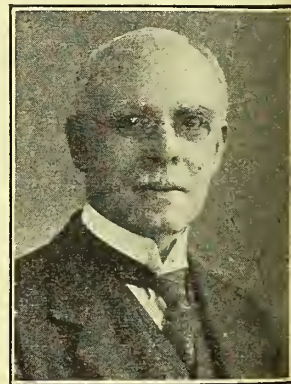
MR. HARRY BRINDLE, B.Sc., Ph.C., has been appointed Lecturer in Pharmaceutics in the University of Manchester, and will take up his duties as a member of the University pharmaceutical staff in October.

THREE members of the drug trade recently met as inmates in a ward of the Croydon General Hospital: Mr. Marshall, manager of the Gold Seal Proprietaries, Ltd., Croydon; Mr. Reeves, secretary, E. C. de Witt & Co., Ltd., East Croydon; and Mr. Ford, representing Sangers, London, N.W. The two first-named have recovered.

MR. W. I. SCHOLES, Eccles, the newly-elected vice-president of the Manchester Pharmaceutical Association, has recently returned from a holiday tour in New Zealand. Representing the Retail Pharmacists' Union for the North-Western Area, and being secretary of the Lancashire Pharmaceutical Committee, he is a well-known and very busy man.

To mark the seventieth birthday of Mr. E. S. Waring, a director of Boots Cash Chemists (Eastern), Ltd., a complimentary dinner took place at the Pelham Street Café, Nottingham, on May 5. Mr. Waring was the first pharmacist to be engaged by Sir Jesse Boot forty-four years ago. A presentation was made by the territorial managers of the company in the form of a solid silver salver, suitably inscribed. The ceremony was performed by Mr. J. O. Teale, the Nottingham general manager, with an appropriate speech.

MR. WILLIAM KIRKBY, M.Sc., Ph.C., who has been elected president of the Manchester Pharmaceutical Association for the ensuing year, is the second Manchester pharmacist to be re-elected to that office after a period of years. Mr. Kirkby, whose reputation is world-wide, will fill the position in this the centenary year of the Manchester Pharmaceutical Association with distinction. He was born in Manchester, and became a pharmaceutical chemist in 1882. His scientific and practical achievements in the business of Jewsbury & Brown, Ltd., are well known. Mr. Kirkby was an important witness before the Royal Commission on Arsenical Poisoning in 1901, and a few years later received the well-merited degree of Master of Science from the University of Manchester, in which he had been Lecturer in Pharmaceutics. His connection with the British Pharmaceutical Conference dates from 1886, and in 1919 he was its president.



MR. W. KIRKBY, M.Sc.

Information Department

INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated:

B/75. Allison's menthol and liquorice pastilles	N/85. Indian ciloil
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M/95. Formasol	E/85. Winstead's lax. phos. with pepsin
R/35. Gerault's lait astringent beauté de tiente	M/244. White Cross disinfectant
M/75. Helston's footrot paste	
E/85. Henschell's oil of ginger	

Observations and Reflections

By Xrayser III.

The Annual Report

of the Pharmaceutical Society for the past year (*C. & D.*, May 5, p. 574) is a revealing record of much important and valuable work accomplished by the Council and its officers. Moreover, it indicates pretty clearly why chemists and druggists who are actively engaged in retail business find it so difficult to afford the necessary time to assist in controlling the Society's affairs. I have known many such who would have satisfied a lurking desire to occupy a seat at the Council table; but the result of careful inquiry has satisfied them that, to join the Council with a conscientious desire and fixed intention of taking a full share in the work that must be done, would inevitably tend to interfere with the proper conduct of their own private business. This is greatly to be regretted, but I see no indication of any of our business interests failing to receive adequate attention from members of the Council who are not engaged in retail practice, while some of those who nominally are connected with retail business are not so in the sense of being men behind the counter. We need to be grateful, in any case, to those who devote so much of their time to the management of our affairs, and I fail entirely to comprehend why so many hard things about them should find place in letters and other effusions published by candidates without any record of work done for pharmacy, either as a trade or a profession.

What We Are Told

about the seven candidates who are being actively supported by a chemist and druggist who is not a member of the Pharmaceutical Society, and is therefore without justifiable reason for interference in our affairs, is that they either have done, or are capable of doing, wonderful things. However, careful perusal of the manifesto issued by the seven candidates who are depending upon alien support fails to satisfy me that any one of them has anything exceptional to his credit as a pharmaceutical worker, and only one of them appears to be associated with what I have been accustomed to regard as the truly important and representative optical organisations, and I am disposed to think that all of them would be better in Parliament than on the Pharmaceutical Society's Council. They may be good men and true, but that is equally the case as regards the seven candidates they are opposing, and every one of the latter has a highly creditable record of service for pharmacy.

Sir Richard Robinson

was a fine type of man, who devoted much time and attention to the interests of pharmacy. But he was never the man behind the counter, as he made up his mind at the outset of his business career to keep himself as much detached as possible from the actual work of the pharmacy. That is why, successful in business, he was able to give of his best to the conduct of pharmaceutical affairs, as well as to attain distinction in public work. As pointed out by the president of the Pharmaceutical Society (*C. & D.*, May 5, p. 573), it was due to the persistence of his worthy predecessor that chemists and druggists now enjoy the same rights and privileges as pharmaceutical chemists, saving only exemption from jury service.

A Distinct Advance

on the scientific side is indicated by the publication by the Pharmaceutical Society of the new quarterly journal (*C. & D.*, May 5, p. 572), a copy of which I have obtained. It will not, I fancy, appeal greatly to the majority of chemists and druggists in business, but it should serve to show of what pharmacy is capable. As time goes on, it may be that a larger proportion of us will take interest in what, after all, is an extremely interesting publication. But if we are to reap permanent benefit from the issue of such a journal, it is necessary that we should be more insistent upon increase to an adequate level of our remuneration for professional services. What Mr. Martin Meldrum states at the end of

his long letter on the Insurance medical and pharmaceutical services is very much to the point. We cannot live upon professional kudos alone, and all the window-dressing in the world, with more or less purely professional matters, will not help us much if the rate of remuneration for National Health Insurance dispensing service should become the standard for our work as dispensers generally.

In the Historical Introduction

to the new "Quarterly Journal of Pharmacy," there is a reference to the pamphlet form in which the Proceedings of the British Pharmaceutical Conference were published for the first years of the existence of the Conference, namely, for 1864 to 1869 inclusive. These proceedings were gathered into a volume and were supplied with a general index. There cannot be many copies of this volume in existence, but without it the series of the proceedings of the Conference is incomplete. It differed from succeeding volumes in containing only the reports of the conference functions and reprints of the papers which were read at the several sessions. At the meeting of 1869, held at Exeter, a Subcommittee of the Executive recommended that the Conference should undertake the publication of a "Year-Book of Pharmacy," which should contain "an annual abstract of the progress of pharmacy"; and they supplied excellent reasons for their recommendation and submitted a scheme for carrying it out. The Executive accepted this report, and the first issue of the "Year-Book" for 1870 was accordingly put in hand.

Even in These Days

of unfulfilled expectations of a rich field of well-educated pharmacists flourishing in well-tilled scientific soil, a sympathetic reader of the papers submitted to the Conference in those early years must feel a warm glow reflected from the zeal of its founders. The problems they attempted to solve were in many cases the same as, or very similar to, those which still trouble us. Whether the members of the Conference to-day would listen with patience to the contributions read at length over sixty years ago is, I think, very doubtful. At the first meeting held at Bath (1864), Mr. Barnard S. Proctor presented a report on the weights and measures used in pharmacy; this elaborate report occupied fourteen octavo pages when printed. Proctor's ingenuity was a characteristic fully recognised by his friends; but it may be that in the matter of his suggestions for a new system of weights and measures, they would feel his ideas were rather impracticable. To-day they seem to be somewhat whimsical.

Another Subject

of perennial interest, which would be sure to find a place on the agenda of any newly formed society of professional men, was that of ethics. Accordingly there was read at the Conference of 1866 a paper on "Pharmaceutical Ethics," by Joseph Ince, an erudite pharmacist with strong literary and philosophical proclivities. I wish I could say something to persuade the pharmacists who cultivate such a severely practical attitude in the prosecution of their calling to turn back to such articles as this. It is a piece of recorded history, and may serve, they perhaps think, to tickle the curiosity of the student of history; but I am reminded that history is not merely a matter of records. De Quincey, in one of his less-known essays, says that history "in one feature of its capacities will resemble chemistry." In a fine passage, made more illuminating now because of recent discoveries, he writes of "these physical worlds of mystery [which] are but as a radix of infinity," and then proceeds to show how that "from lights still increasing . . . all the primary facts of History become liable continually to new presentations, to new combinations, and to new valuations of their moral relations." For those who are in love with their craft no more delightful and stimulating essay was ever written than this on "Ethics" by Joseph Ince; they will find no difficulty in finding new interpretations of it which will make it as serviceable to-day as it was sixty-two years ago.

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Editorial Articles

Taking it Lying Down

If any proof were needed of the firmness with which the chemist and druggist has allowed the yoke of officialism to be screwed upon his meek, submissive neck, that proof could surely be found in the silent acquiescence with the recent decisions in the turpentine liniment and magnesium oxide prosecutions inaugurated by the Islington Borough Council. Indeed, so thankful for small mercies do we seem to have become that we even feel impelled to congratulate the successful appellant in the first-named case upon his good fortune in getting the conviction quashed, though, as his counsel said, it had cost £50 to achieve that clearance of a good name! A stranger goes into a chemist's shop and asks for some turpentine liniment. The chemist, careful and obliging, knowing probably from experience that the public are not to be trusted to act wisely in their handling of household remedies, takes the trouble to tell the purchaser that there are several kinds of turpentine liniment in common use and to inquire which she wants. The woman, to all appearance, has no definite knowledge upon the matter, and says she has merely been told "turpentine liniment"—whereupon the chemist takes the sane and sensible line of giving her the turpentine liniment that the Ministry of Health requires to be supplied to panel patients under the National Health Insurance Scheme. An inspector under the Sale of Food and Drugs Acts is waiting outside the shop, and, upon the allegation that an article has been supplied that is not "of the nature and substance" of what was required, causes the chemist to be summoned and convicted of an offence which must of necessity brand him in the mind of a large section of the public as not being an honourable tradesman. That he was convicted at all only shows the urgent need for a complete change in the methods now in vogue of administering the adulteration laws by tribunals devoid of any acquaintance with the technique of chemistry and consequently suspicious of every attempt to explain such matters in their true perspective. But having been thus wrongly convicted (as the sequel proved), the chemist appealed and got his conviction set aside. Then why should he not have been allowed his costs?

It is, as we understand, a fixed legal principle that the victor is entitled to his costs, and that he is only to be deprived of them if his conduct has been such as to deserve censure—as when an obvious rogue has won on a technicality when morally he did not deserve to win. The fact of an appellant under the Sale of Food and Drugs Acts at Quarter Sessions having his conviction quashed without being allowed his costs, whichever way it is looked at, means that the authority who were responsible for getting him wrongfully convicted were justified in what they did. Now we say without hesitation that there was no justification whatever for that conviction—and we naturally look to see why the appellant was deprived of his costs. We think the explanation is to be found in the curious attitude of half-admission adopted in the presentation of the appellant's case. There seems to have been a careful avoidance of any bold, plain assertion that the appellant was fully justified in selling what he did sell as "turpentine liniment." Was he not so justified? Are there not numerous recipes for that commodity, some of which have been known and used by the public from time so far remote that no one can say when they were first used? Will anybody gainsay the assertion that one main object of the compilers of the Health Insurance formula was to provide a turpentine liniment of safe and suitable strength for public handling? Where is the authority for not allowing that formula to be called by its ordinary name? Where, indeed, is the authority for holding that the British Pharmacopœia standard is the one and only standard for "turpentine liniment"? Granted that where there is an article (e.g., acetum scillæ, which has actually been in the courts) that is always prepared of the same ingredients, the B.P. standard should *prima facie* be adopted and enforced. Granted further that no harm would be done but rather good would result by official and legalised recognition of the B.P. standard for every preparation to be found in its pages that comes within the statutory definition of "drug." Granting all this, the fact must still be faced that "turpentine liniment" stands to-day in exactly the same position as "vinegar"—an article made of different strengths and of various ingredients for different purposes, but still "vinegar." Then take the magnesium oxide cases. We are at a complete loss to understand what purpose has been or could be served by dragging this subject into the Courts. Indeed, we take leave to doubt whether, fought to an issue upon evidence of commercial and pharmaceutical custom, there would have been any conviction at all. Why is it that, on every possible occasion of the prosecution of a chemist and druggist, the defence, if not a plea of "Guilty" backed by a whining excuse for having sinned, invariably seems nowadays to take the form of a half-apologetic suggestion that there is a "doubt" about the matter—with the inevitable result that a conviction follows with a substantial penalty! Have chemists no grit left in them? Twenty years ago, when William Glyn-Jones was in the legal fighting line, case after case of this type against chemists was dismissed. We recall his first case—at Worcester Police Court in July 1904, within a few days of his being called to the Bar. It was ammonium carbonate that was in issue. He fought it and won it, as he fought and won a score of other similar cases after it. But that was by fighting; and fighting is what is wanted now. Position after position has been weakly abandoned to the encroachments of the food and drugs inspector and his sniping methods. There used to be a sensible and honest custom of warning chemists that the authorities required certain common practices to cease—e.g., the practice of using magnesium carbonate for magnesia, or of varying the formula of "turpentine liniment"—and no "first offender" was ever prose-

cuted. This commendable practice seems to have given place to a system of searching for harmless and unthought-of technicalities of the magnesium oxide type and of pouncing down, without any warning, upon some perfectly honest chemist who would be the last person to act fraudulently and who, had his attention been called to the technicality in question, would at once have acquiesced, even though he might think (probably rightly think) that the law was being unduly stretched by the demand made upon him. It really seems as though local authorities and their inspectors are now finding it difficult to discover subjects for complaint. All the more reason why they should be resisted, and why every case of the sort we are dealing with should be fought to the last ditch if need be. Unfortunately the disposition to "get out of it as cheaply and quickly as possible," regardless of what may be the effect upon the whole pharmaceutical brotherhood of a conviction and a small fine, has proved a most potent weapon in the hands of local authorities and their officials. Only a few weeks ago we drew attention to the result of allowing an analyst's certificate to go unchallenged. The certificate set up a standard for a drug. It was not challenged before the magistrates, and the simple duty of calling evidence to rebut it was neglected. What was the result? The High Court seized the opportunity to declare that in the absence of rebutting evidence the analyst's certificate must be taken to be correct. That has become established law—judge-made law—since it has the force of a precedent. So is the pass abandoned. In our view it is most important that every possible case of the type we have been referring to should be fought to the bitter end. Standardisation of drugs and medicinal preparations might, and probably would, be an admirable thing. But it should be done properly and officially, and this present haphazard system of letting one analyst in one part of the country set up a standard for one thing and then another analyst in another part set up his standard for something else on the off-chance of getting a conviction and so of establishing the standard by precedent is wholly wrong and mischievous. It has been well said that heaven helps those who help themselves. The chemist and druggist would gain substantially by asserting the need for full and official standardisation of drugs on the lines recently adopted by Parliament in regard to agricultural fertilisers and feeding stuffs—without, however, the exasperating formalities necessarily attendant upon every single transaction. Then let him demand the definite setting up of B.P. quality as the official standard for all that the B.P. contains. That need not affect the sale of the same articles of lower quality—the sale of which for commercial purposes should be left as at present, subject to the ordinary liability of vendor to purchaser under the Sale of Goods Act. That would be the sensible and practical way of protecting the public from fraud—the root-object of all legislation touching the sale of drugs. There should be a definite standard of quality for everything supplied to the public which the public are entitled to obtain if they ask for standard quality, and are entitled to receive without asking for it if it is prescribed by a medical man. Apart from that, all these indefinite and irritating methods of prosecution should be brought to an end. And there is one other end that should be fought for in season and out of season—in Parliament and out of Parliament—an end that would be to the benefit of the community equally with the chemist. The scandal—it is nothing but a scandal—of cases involving scientific technicalities being tried by benches of lay magistrates with an almost invariable prejudice against the defendant ought to be put a stop to. If disputes between landlord and tenant cannot properly be decided without the intervention of an estate agent—if a medical referee is required for the proper determination of a

is mainly due to the fact that the Department of Agriculture has rejected the major portion of arrivals. The quantity of picked myrrh to be obtained from most of the recent consignments in London has been extremely small, and even in the best parcels does not exceed 40 per cent. On the other hand, values have greatly advanced recently, and for low dull sorts, which a year or so ago realised only 40s. to 50s. per cwt., have been selling during the past few months at £6 to £7 per cwt., whilst for the best-quality sorts over £10 per cwt. has been secured. Buyers, however, at present are not over-anxious to purchase at these levels, and are content to secure only their immediate requirements by hand-to-mouth purchases, fearing that present values may attract larger imports from primary sources.

What Things are Coming to

To some extent, we are becoming resigned to the increasingly inquisitorial methods that are being employed by those whose duty it is to assess the profits of businesses for income-tax purposes. However, one of our readers has received from an Inspector of Taxes an inquiry that surpasses in officious impudence anything of its kind that has hitherto come to our notice. In fact, were it not that the original letter was shown to us, we should have had great difficulty in believing that such a question could ever have been asked by an official the nature of whose employment calls for the exercise of more than the average amount of discretion and tact. The letter explains itself; it reads:

"... will you kindly inform me in what circumstances the services of a further assistant were necessary in the year 1927, particularly in view of the fact that there was a decreased turnover for that year."

To our astonishment, our subscriber appears to have read this letter more in sorrow than in anger, and he has passed it on to us with the remark: "The implication is that he does not approve of my employing a second assistant. But have I to consult his wishes or anyone's?" Happily, this country is still free to the extent that a man is allowed to run his business in his own way, and decide for himself such details as the number of assistants he will employ without having to consult the wishes—even of so august a personage as an Inspector of Taxes. Our advice to our reader is to tell the Inspector to mind his own business and leave our reader to mind his. We wonder whether the Commissioners of Inland Revenue are aware that their subordinates arrogate to themselves the right to question the discretion of traders in matters of this kind. If interference of this kind were to be tolerated it would not be long before business men would be called upon to justify any form of expenditure that did not happen to accord with a particular Inspector's ideas of how a business should be run. In other words, a business would have to be conducted, not in a way to suit the convenience of the proprietor, but in a way to meet with the approval of the local Inspector of Taxes.

Sir William Glyn-Jones Memorial

We gladly give publicity, on p. 586 of this issue, to a letter appealing for subscriptions in order to establish a worthy memorial to the late Sir William Glyn-Jones. The letter is signed by the president of the Pharmaceutical Society of Great Britain, the chairman of the Society's North British Executive, the president of the Proprietary Articles Trade Association, the chairman of the Chemists' Defence Association, and the chairman of the Drug and Fine Chemical Manufacturers' Association, who jointly urge the claims of Sir William Glyn-Jones to remembrance by all sections of the drug trade. To our report of the meeting of the Pharmaceutical Society's Council on May 2 should have been added the recommendation of the Establishment Committee that a memorial plaque be erected in the Society's headquarters. The form which the larger scheme will take has not yet been decided, but interesting suggestions to this end are made in the joint letter, and those who contribute to the fund are invited to submit alternative plans. We trust that the sum raised will be adequate for a memorial that would have commended itself to the brilliant pharmacist it is designed to commemorate.

Corner for Students

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students," *The Chemist & Druggist*, 42 Cannon Street, London, E.C.4.

Report on the April Analytical Exercise

The powder distributed to students on April 10 contained seven parts by weight of ammonium aluminium sulphate (ammonium alum), two parts of zinc phosphate, and one part of potassium bromide. The calculated composition of such a mixture is:—

Al	...	...	...	...	4.2
Zn	...	...	...	...	6.1
K	...	...	...	...	3.8
NH ₄	...	...	...	...	2.8
SO ₄	...	...	...	...	29.8
PO ₄	...	...	...	...	11.7
Br	...	...	...	...	6.7
H ₂ O	...	...	...	...	55.6
					100.0

There was also present, as impurity, iron in quantity to yield only a faint reaction with potassium thiocyanate.

Samples of the powder were distributed to sixty-three students, and sixteen reports of analyses were returned for examination. Besides the water of crystallisation, the sulphuric acid radical was the only main constituent reported by every competitor. Aluminium and ammonium were each missed in three cases and zinc and potassium in four. The radical of phosphoric acid was missed by two students and that of hydrobromic acid by fourteen.

The composition of this mixture resembled greatly closely that of the exercise set in January, but differed from it in one important respect. In the January mixture the proportion of aluminium to phosphoric acid radical was so adjusted that the quantity of the latter present was more than sufficient to form aluminium phosphate with the whole of the former, and, as a consequence, the filtrate from the precipitate produced on adding ammonium chloride and excess of ammonia as group reagents still contained phosphoric acid radical, and therefore only required to be examined for zinc-group and alkali metals. The state of matters was different in the present mixture, inasmuch as the aluminium was more than sufficient to form aluminium phosphate with the whole of the phosphoric acid radical, with the result that the filtrate from the precipitate of this substance was phosphate-free and might contain zinc-group, barium-group, magnesium and alkali-group metals. It was only in isolated cases that any attention was paid to the really important matter of the presence or absence of phosphoric acid radical in these filtrates, either in the analysis of this mixture or in that of the January mixture, and for this reason most students failed to obtain information which could have aided them materially in planning the subsequent course of their analyses. As indicated in the general remarks on the January analysis, we do not commend the method used by most correspondents, when dealing with phosphate mixtures, of applying the sodium or ammonium acetate and ferric chloride treatment to the whole of the filtrate from Group II, instead of first removing by filtration the ammonium chloride and ammonia precipitates and then working this up separately as a phosphate precipitate, but only applying to it the sodium acetate and ferric chloride treatment when that is actually necessary. In the present analysis this treatment would not have been required. There is no simple method of treating phosphate mixtures, which is in all cases the most appropriate, but this method to which we have referred as the one used by most correspondents is in a great many instances the most inappropriate. There is evidence in the reports on the present analysis that the special procedure necessary in dealing with even the simplest examples of the not altogether simple matter of phosphate mixtures is in most cases very imperfectly understood, and that in some cases it is entirely misunderstood, if not simply ignored.

(To be continued)

Westminster Wisdom

Notes on Parliamentary Matters.

IMPORTED PAINTS

The Financial Secretary to the Treasury (Mr. A. M. Samuel) informed Lieut.-Commander Kenworthy on May 8 that duty will be chargeable in respect of imported paints, varnishes, colours, etc., which contain dutiable hydrocarbon oils, at the rate of 4d. per gallon on the quantity of such oils used in their manufacture.

BENZOL

The President of the Board of Trade (Sir Philipp Cunliffe-Lister), in replying to Sir H. Lucas-Tooth, on May 8, stated that the retained imports of benzol in 1927 amounted to 15,000,000 gallons. Precise figures of the production in this country in 1927 are not available, but the National Benzole Association have estimated that production in that year amount to approximately 26,000,000 gallons of refined benzol. The exports in 1927 amounted to 2,000,000 gallons. Thus the consumption in 1927 (apart from any changes in stocks) may be estimated at some 57,000,000 gallons, and of this amount nearly two-thirds was home-produced.

MORPHINE EXPORTS

Mr. Locker-Lampson, replying to Mr. Scrymgeour, on May 7, stated that a statistical summary recently issued by the League of Nations gives the production for 1926 as 40,245 kilos and the production for 1921 as 29,657 kilos. Both the figures in question are incomplete, and any comparison, therefore, between them would be unsafe. Further, the 1926 figure includes large quantities of morphine which were produced solely for transformation into non-dangerous products, such as codeine. So far as Great Britain is concerned the manufacture of morphine has shown a steady decrease during the last five years. The Italian representative on the Advisory Committee had called attention to the fact that the amount of raw opium returned by Great Britain as exported to the United States was less than the amount of raw opium returned by the Government of the United States as imported from Great Britain. This discrepancy is being examined by the two Governments, but is probably due in part to the fact that the returns of the two Governments relate to different periods, and in part to the fact that opium sold from Great Britain may not be actually exported from Great Britain but may be conveyed direct from a foreign port to the United States.

NATIONAL HEALTH INSURANCE

On the motion for the adjournment, on May 5, Mr. A. V. Alexander called attention to the provisions of the National Health Insurance (Medical Benefit) Regulations (No. 2), 1923 [C. & D., April 28, p. 540], which, he said, would prevent in future any chemist's department of a co-operative society from continuing its co-operative practice in so far as its business is conducted under the terms of the National Health Insurance Act. We have to-day, he continued, the retail pharmacists nearly all linked up with the Proprietary Articles Trades' Association, which was founded by the Pharmaceutical Society with the aid of the late Sir William Glyn-Jones. They have some thousands of articles to-day which they will refuse to supply to any of the 1,400 co-operative societies in this country unless they first agree either to add to their retail prices whatever rebate is given by the co-operative society or else agree to refuse to give any rebate upon the retail price. We have, of course, no redress in law, although we feel that we ought to have redress in law against great bodies like the Proprietary Articles Trades' Association, who act in restraint of trade by withholding supplies from the market under such unreasonable conditions.

The Parliamentary Secretary to the Ministry of Health (Sir Kingsley Wood), in his reply, stated that the position of the administration of the drug fund in connection with the National Health Insurance has given serious anxiety to the Government and the approved societies. The average cost of drugs and appliances, so far as the National Health Insurance Act is concerned, has very steadily and very seriously increased. For instance, in 1916

the total cost of drugs and appliances supplied by chemists was £634,651. In 1926 that figure had risen to a sum of £1,729,078, and his Department have been driven to the conclusion that whilst a certain increase was, no doubt, due to increased sickness, there was considerable evidence of what is called extravagant prescribing. The question was whether there should be a revision of the drug tariff or whether the fees ought to be reduced, and his Department had several consultations with the Retail Pharmacists' Union, which represents some 8,000 chemists up and down the country, and whose representatives gave an undertaking that they themselves, subject to proper conditions, would see that the administration of the fund was conducted within its proper financial limits, and that the service was adequate for its purpose. But, as they said, they were considerably concerned with the improper practice of certain chemists who offer inducements to insured persons to come to them with their prescriptions. To show the House that there is no attack upon the co-operative societies, Sir K. Wood read portions of leaflets issued by chemists, in which free gifts were offered; in one leaflet particulars of a draw were given, in which the insured person who took his prescription to the particular chemist, if he got the winning number, would receive a solid gold wristlet watch. Any gift or inducement of that kind, whether by a co-operative society or by other persons, undoubtedly interferes with the freedom of choice of the chemist by the particular person concerned, and in fairness to the other chemists who administer the Act, they could not permit inducements to be given by co-operative societies in the same connection. Several other members joined in the debate which followed. The motion for the adjournment was subsequently carried by 200 votes to 97.

Essential Oils from Kenya

By George Ferguson and Ernest J. Parry

We have recently had the opportunity of examining some essential oils produced in Kenya Colony, for which we are indebted to Mr. J. L. Greene, of Magdalene, Njoro. An oil distilled from plants known as geraniums in the Colony, but whose botanical source we do not know, was found to have an odour intermediate between those of a normal geranium oil and palmarosa oil. It had the following characters:—

Specific gravity	... ..	0.894 at 15.5°
Optical rotation	... ..	—16.7°
Refractive index at 20°	... ..	1.4690
Total alcohols (as geraniol)	... ..	71 per cent.
Citronellol	... ..	20 per cent.
Esters (as geranyl tiglate)	... ..	12.5 per cent.

The oil commands a ready sale, and we are informed that this year's production is expected to reach about twelve tons. It is known locally as Mawah oil.

A sample of vetivert oil, distilled from plants cultivated at an altitude of 7,000 feet, was also examined. In odour it is fully equal to high-grade Bourbon distillates, and it has the following characters:—

Specific gravity	... ..	0.9923 at 15.5°
Refractive index at 20°	... ..	1.5237
Acid value	... ..	10.2
Ester value	... ..	4.6
Alcohols (as vetivenol)	... ..	50 per cent.

The conditions as to temperature, rainfall, etc., are quite similar to those existing in Java.

A sample of true geranium oil was also examined; this was distilled from plants imported from Grasse three years ago, and thoroughly acclimatised. The conditions where the plants are cultivated are similar to those obtaining in the South of France. The yield of oil is about 0.1 per cent. The oil is a typical high-grade geranium oil, having the following characters:—

Specific gravity	... ..	0.892 at 15.5°
Refractive index	... ..	1.4649 at 20°
Optical rotation	... ..	—9° 40'
Esters as geranyl tiglate	... ..	30.7 per cent.

We understand that these—and other—essential oils are being produced on a commercial scale, and Kenya Colony promises to become an important source of supply of Empire-produced essential oils.

"Light" Bismuth Carbonate

By R. W. E. Stickings, B.Sc., A.I.C., D.I.C., and
H. C. Coupland, B.Sc., M.P.S.

THAT the scope of works chemistry in fine chemical manufacture is not limited to the production and adaptation of pure chemical compounds is, perhaps, a platitude, and the manufacture of bismuth carbonate, B.P., merely serves to emphasise this fact. For many years past there has been a demand for this article in a specially light form, and it has fallen to the lot of the works chemist to satisfy the demand while not departing from the standards of purity set up by the British Pharmacopœia. It would appear, however, from the perusal of an article by B. F. Howard and Oliver Chick, published in the "Journal" of the Pharmaceutical Society in December 1925, that the various brands of light bismuth carbonate on the market at that time had been produced at the expense of their purity. One impurity, present in varying amounts, was nitrate, another, chloride; but the impurity on which greatest stress was laid was calcium, found to be present in some cases in amounts varying from 0.5 to 2.0 per cent. of CaO. Various suggestions were made as to the manner of introduction of this latter impurity, but that it had any real significance in the manufacture of light bismuth carbonate at that time was not even hinted.

Now, from the manufacturing point of view, there are no serious difficulties to be encountered in making a pure heavy bismuth carbonate. Difficulties do arise, however, when a bulky powder is required which will conform to all the B.P. requirements. It is natural in these days of competition that manufacturers would refrain from publication of methods which will lead to the production of a type of article which has a current vogue. Messrs. Howard and Chick, therefore, are to be excused on these grounds for the vagueness of their statement in referring to a paper by A. J. Jones, delivered at the British Pharmaceutical Conference in 1925, wherein they state that "they are of opinion that by carefully studying the points emphasised in Jones's paper, on a large scale manufacture it is perfectly feasible to produce a bismuth carbonate which is bulky, not only as a dry powder, but also an emulsion, and which fully answers all the requirements of the B.P."

We do not know what modifications of Jones's process Messrs. Howard and Chick have employed on a large scale manufacture. We can only say that we adhered strictly to the details laid down by Jones, and succeeded in producing a bismuth carbonate which was one of the heaviest in density we have ever seen. Of twenty-one hatches, each equivalent to 95 lb. of metal, no single hatch was of such a density that 1 lb. would more than fill a bottle of 18-fluid-oz. capacity. On the other hand, by following the details in the laboratory a considerably lighter product was obtained (1 lb. filled a bottle of 32-oz. capacity), but all the samples were above the B.P. limit for nitrate content.

STAGES IN THE MANUFACTURE

Both prior to and since 1925 we have done a large amount of work on this rather elusive but intensely interesting subject, and while commercial considerations forbid us publishing the whole of our work, we think we can possibly elucidate some facts of general interest. In the precipitation of bismuth nitrate solution by sodium carbonate solution it is well known that the first reaction results in the formation of bismuth subnitrate, and in the manner of conversion of this precipitate into bismuth oxycarbonate lies the crux of the matter. If left for any length of time before conversion to carbonate the subnitrate changes its crystalline form and becomes much heavier; subsequent conversion by excess of sodium carbonate produced, of course, a heavy bismuth carbonate, the particles of which retain the crystalline outline of the subnitrate from which it is made. One would anticipate that this product would contain a high percentage of nitrate as impurity, but curiously enough, this is not the case.

Assuming, however, that the conversion to carbonate follows immediately on the precipitation of the sub-

nitrate, a very light suspension of bismuth oxycarbonate is obtained. Examined microscopically, this is quite amorphous in appearance. At this stage a very curious situation arises. If this product is filtered and washed with distilled water it remains bulky on the filter, and can be washed until the washings are free from alkali and soluble nitrates. On drying, however, the mass shrivels, becomes hard and heavy, and on analysis is found to contain more than the B.P. limit of nitrate. No reasonable excess of sodium carbonate solution at the conversion stage will alter this result. Many years ago, we discovered the fact that, if this precipitate were washed with "tap water," the product remained bulky, and on drying preserved its bulk, giving a soft, light powder, 1 lb. of which would easily fill a 70-oz. bottle, and the nitrate content of which was just on the B.P. limit. *But, as was to be expected, this product contained traces of chlorides, and a heavy trace of calcium and magnesium, these impurities having been adsorbed from the "tap water" used.* Moreover, it was found that if one added calcium or magnesium bicarbonate in small amount to distilled water the same effect would be produced.

ADSORPTION

After a considerable amount of work, we have established that this phenomenon is due to the fact that during conversion of bismuth subnitrate to bismuth oxycarbonate, adsorption of traces of alkali takes place, this alkali being in such a condition that no amount of washing with distilled water will remove it. With tap water, however, double decomposition between this alkali and calcium salts occurs, with consequent deposition throughout the bismuth carbonate of traces of calcium carbonate. Once the traces of alkali are thus removed, the product is stable to drying operations.

In order to meet the requirements of the B.P. and still satisfy the demand for a bismuth carbonate of very low density, it is obvious that some method must be employed to destroy the adsorbed alkali in the bismuth carbonate precipitate without the simultaneous introduction of another impurity. On a small scale this does not present undue difficulty in the laboratory, but on a works scale many new factors have to be considered, and it is only after years of research, with systematic observation and experiment, that we have achieved the desired result. In accomplishing the task, we made the interesting discovery that by eliminating this alkali adsorption we simultaneously eliminated the nitrate adsorption that accompanies it. Thus, whereas the normal nitrate content in ordinary brands of light bismuth carbonate is approximately 0.4 per cent. HNO_3 , our final product was practically free from nitrate. In the laboratory, indeed, we have often produced a light bismuth carbonate which, when dissolved in 50 per cent. hot sulphuric acid, did not decolorise on the first drop of standard indigo solution. On a manufacturing scale this perfection is not easily secured, but that a close approximation thereto can be consistently maintained is clearly indicated by a comparison of the analysis of the average sample "A" with the analyses of other well-known brands of bismuth carbonate on the market, B, C, D, E and F shown below:—

—	CaO %	Nitrates % as HNO_3	Cl. %	Bi_2O_3 %	Appearance	Bulk of 1lb.
A	Free	0.05	—	90.3	White	50 fl. oz.
B	Free	0.48	0.01 (heavy)	90.2	Creamy	25 fl. oz.
C	Faint trace	0.49	—	90.4	Slightly creamy	35 fl. oz.
D	Free	2.63	—	89.5	Yellowish	21 fl. oz.
E	Free	0.21	—	90.8	White	26 fl. oz.
F	Free	0.33	0.22 (very heavy)	90.5	Distinctly yellow	31 fl. oz.

The authors' thanks are due to May & Baker, Ltd., High Street, Battersea, London, S.W., for permission to publish this work.

STATISTICS appearing in the current report (No. 305) of the medical officer of health for the City of London, show that fresh cases treated at the City venereal diseases clinic numbered 420 last year, compared with 480 in 1918 and 1,055 in 1920.

Trade Report

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling, packing, etc. Qualities of chemicals, drugs, essential and fixed oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities.

42 Cannon Street, E.C.4, May 10

BUSINESS in the pharmaceutical group of chemicals has been moderately good this week, but competition continues severe, and on this account several price changes have taken place. These include easier rates for hexamine, while phenacetin and phenazone have sold under the quoted prices. Creosote ex beechwood, paraformaldehyde and methyl salicylate have also eased. Hydroquinone tends to harden, likewise sodium benzoate. Citrates are 1d. per lb. dearer. In crude drugs the demand is chiefly for small lots only, and not much interest is shown. Cod-liver oil is cheaper on good fishing prospects for the remainder of the season. Matto Grosso ipecacuanha is tending easier, but in fair demand of late. African cannabis indica has sold freely at rising prices; grey and Lima sarsaparilla is scarce. Insect flowers and powder meet with a steady trade demand. Menthol is nominal. A slightly increased volume of business is reported among industrial chemicals in some directions, but there are no changes of importance to record in prices. Cream of tartar has been in moderate demand and prices are well maintained. Acetone is firm. In the vegetable oil group much more business is reported in some lines, and there is more general activity. Palm oils are dearer; linseed is dull but fairly steady; and turpentine is easier. Rape is firm and soya quiet. Essential oil business is quiet and orders very infrequent. Sicilian oils are still advancing, but otherwise there is no vital change.

Higher	Firmer	Easier	Lower
Cannabis Indica (African)	Farina (Dutch)	Balsam tolu	Creosote, ex
Ferri ammon. cit.	Hemp seed (Manchurian)	Camphor	beechwood
	Vetivert oil	Cod-liver oil	Hexamine
Lemon oil	Wood oil (Hankow)	Cotton oils	Male fern
Orange oil		Ipecacuanha (M.G.)	extract
Palm oils		Methyl salicylate	Turpentine
Potash citrate		Peppermint oil (Jp.)	
Rubber		Spearmint oil (Jp.)	
Shellac		Wax, vegetable (Jp.)	
Sodium citrate			

A drug auction will be held next Thursday, May 17.

Cablegram

BERGEN, May 9.—The catch of cod since the opening of the season amounts to 55,300,000, against 57,200,000 at the corresponding period of last year, and the yield of steam-refined non-freezing oil is 44,399 hectolitres, against 64,815 hectolitres at the same period last year. Market is cheaper at 170s. per barrel, c.i.f., for finest new Lofoten steam-refined non-freezing oil.

Crude Drugs, etc.

ANTIMONY meets with little inquiry, but the tone is steady. Chinese regulus on the spot is £42, but business might be done at less. C.i.f. terms for shipment are firmer, ranging from £28 upwards. English high-grade regulus is £59 10s. to £60, but good brands can be got at £57 10s. to £58. Chinese crude is quiet but firm at about £36. Stocks held in China at the end of last month were estimated at about 2,300 tons, of which 1,200 tons were lying at Changsha.

ASAFFETIDA is quiet, in spite of the low stocks. Good loose almonds is 120s. to 140s., and soft pinky block 90s. to 110s.; of the low grade of hard block, which is wanted, there are no supplies.

BALSAM CANADA is firmly held at 6s. 6d. per lb. on the spot in view of the small supplies.

BALSAM TOLU is quiet at from 3s. 3d. to 3s. 4d. per lb. for good hard bright on the spot, and to arrive 3s. to 3s. 1½d. c.i.f. is quoted.

BAYBERRY BARK is quoted at 11d. per lb. on the spot.

BISMUTH.—Although the market is officially unchanged at 9s., it is understood that a fairly good business is being done thereat, which applies to parcels of at least five cwt.

CADMIUM is firm, and it is claimed that current supplies are being easily disposed of. Current quotations for Australian metal range from 2s. to 2s. 1d. per lb. according to quality.

CALUMBA.—The landings in April were nil, and the deliveries 24, leaving a stock of 907, against 2,322 last year.

CAMPHOR (REFINED).—Japanese slabs are quoted on the spot at 2s. 4½d. to 2s. 5d. per lb., and 1-oz. tablets at 2s. 10d.

CANNABIS INDICA.—African is dearer, and good sales have recently been made, the last price paid being 2s. 6d. per lb. Bombay tops are 30s. per lb.

CARDAMOMS.—At auction on May 3, 54 cases Indian offered and about half sold at fully previous prices. Extra bold pale long sold at 6s. 5d.; split ditto, 4s. 1d.; bold medium, round 5s. 6d.; split ditto, 3s. 4d. to 3s. 5d.; small round, 3s. 6d.; split ditto, 3s.; small long, 3s. 4d.; specky brown and reds, 2s. 9d. to 3s. decorticated seed, 5s. per lb.

The landings in London in April were 186 and the deliveries 227, leaving a stock of 1,655, against 1,969 packages in 1927.

CASCARA SAGRADA.—The landings in London during April were nil and the deliveries 37 tons, leaving a stock of 279 tons, against 327 tons in April, 1927.

CLOVES.—Zanzibar are firm with fair sales on the spot at 7½d. per lb., and for May-July shipment sellers quote 8½d. per lb. c.i.f., delivered weight. The landings during the week ended May 5 were 20, and the deliveries 707, leaving a stock of 13,132 bales, against 13,184 in 1927 and 17,372 in 1926. The landings of Zanzibar during the period January 1 to May 5, 1928, were 8,921 bales, against 12,998 for 1927, and the deliveries 5,318, against 7,417 in 1927.

COD-LIVER OIL.—Rather more interest is being shown in consequence of Norwegian makers wishing to meet the market, although in some instances makers have not reduced prices. The deficiency in the production of oil up to date now exceeds 20,000 barrels compared with last year. Quotations for finest new Lofoten oil vary at from 155s. to 170s. per barrel c.i.f., according to brand.

BERGEN, May 7.—The codfishery at Finmarken which closed on April 28 gave only a small catch—400,000 cod, with a yield of only 200 barrels of cod-liver oil. During the past week the fishery has developed at Finmarken and the prospects are favourable. The total output of all the Norwegian codfisheries, compared with that of the previous years, is as follows:—

To	Catch of cod,	Yield of steam	Livers for
Apr. 28, 1928..	refined c.l.o.	43,271 hectol.	crude oils
30, 1927..	53,400,000	63,769 "	8,201 hectol.
Mar. 1, 1926..	56,400,000	89,268 "	6,126 "
Apr. 25, 1925..	60,600,000	68,742 "	11,375 "
26, 1924..	38,900,000	78,956 "	7,693 "
	40,100,000		11,305 "

There is no activity, and the price for non-freezing steam-refined quality is nominal at 170s. per barrel, c.i.f. London.

CORN PRODUCTS, ETC.—Guaranteed water-white glucose (corn syrup) is 23s. per cwt. delivery to end of June, ex store, London. Dutch maize starch powder (cornflour) is 17s. on the spot. American is 17s. 6d. per cwt., ex store, London. Pearl starch is 17s., delivery to end of June, ex store, London. Dutch maize starch crystals is 23s. on the spot, and American is 21s. ex store, London, delivery to end of June. Dutch dextrin is quoted at 22s. 6d. to 25s. 6d. per cwt. on the spot as to quality. American canary is 21s. 4½d. per cwt. White is 21s. 1½d., ex store, London, delivery to end of June. Dutch farina is firmer at 17s. 6d. per cwt. on the spot, and 16s. 6d. per cwt. f.o.b.

ERCOR.—Russian and/or Polish is quiet at from 2s. 9d. to 2s. 10d. per lb. on the spot.

GALES are quiet. Bagdad blues are nominally 60s., green 55s., and white 50s. per cwt. Stock of this description is 1,553, against 1,100; the landings to date have been 605 and the deliveries 194.

GENTIAN is quiet at from 32s. to 33s. c.i.f. for French, the spot value being about 35s. per cwt.

GINGER.—West African is firm, with further sales on the spot at 51s. 6d. per cwt. and buyers; to arrive, May-June shipment, is quoted at 49s. 6d. c.i.f. Liverpool.

GUM ACACIA.—Demand for Sudan is small, with natural offering on the spot at 41s. 6d., and cleaned at 43s. 6d. per cwt. To arrive, natural is 36s. 6d. to 36s. 9d., and cleaned 38s. 6d. c.i.f. Stock is 8,379, against 8,463 last year. The landings to date are 6,981 and the deliveries 6,231 packages. Persian so-called insoluble is offered at 62s. 6d. for cleaned No. 1 and about 50s. for No. 2.

HEN YOLK is quiet. Dried Chinese on the spot is 1s. 9½d., and May-June shipment 1s. 9½d. per lb. c.i.f. Prime Chinese albumen is 2s. 4d. spot, and May-June shipment 2s. 2½d. per lb. c.i.f.

INSECT FLOWERS and powder meet with a fair, steady trade, with good closed Dalmatian offering at 135s. per cwt. on the spot. Powder from good closed flowers is 1s. 6d. per lb.

IPECACUANHA.—Matto Grosso has been sagging recently, but demand has been fair, with sales at from 13s. 6d. per lb. on the spot.

The landings in London in April were 20 Matto Grosso and the deliveries 34, leaving a stock of 200 packages of this description, compared with 36 in April 1927; of Minas, three were delivered, leaving a stock of 21, while of East Indian two arrived, and one only was delivered, leaving a stock of five.

MALE FERN EXT. is cheaper at 4s. per lb. for 24 to 25 per cent. filicin.

MASTICH meets with a fair inquiry at about 2s. 6d. to 2s. 7d. per lb.; spot supplies are small.

MENTHOL remains inactive at 15s. 6d. per lb. on the spot.

MERCURY is unchanged, with no indication of any freer offers, in spite of the subdued trade demand. Current quotations range from £22 7s. 6d. to £22 10s., less the usual discount. The f.o.b. quotation for shipment from Alicante is still £21 10s. Business with the Eastern markets is still quiet, only few inquiries being reported from either China or Japan. Reports from America indicated an easier tendency, with quotations ranging from about \$122½ to \$123 per bottle, duty paid. The outlook is uncertain, while recent reports from Italy were to the effect that there had been some falling off in the sales effected by the chief producers.

MYRRH continues to be of interest on account of the scarcity of supplies, but arrivals during the past few weeks have been more plentiful. Over £10 per cwt. has been secured for genuine Aden, but the demand is very small. A parcel will be offered at the auction next week.

The landings in London in April were 28 and the deliveries 13, leaving a stock of 41 packages, against 68 last year.

OPIMUM valued at £3,900 has arrived from E. Turkey.

CONSTANTINOPLE, May 1.—Sales during the past fortnight amounted to 54 cases druggists' at from £125 to £131½ per cwt.; no "softs" or Malatia were sold during this period. Arrivals have been 1,510 druggists', 197 "softs," and 190 Malatia, making a total of 1,897, compared with 2,776 last year. The stocks held are now 615 druggists', 157 "softs," and 119 Malatia, a total of 891, against 949 last year. The price has fallen because of the necessity of holders selling out, at this end. It is claimed that on account of the cold weather in March it has been impossible to carry out any sowing operations.

PIMENTO is firm at 8½d. per lb. on the spot, with sellers of May-July shipment at 79s. per cwt. c.i.f.

RHUBARB.—The landings in London during April were 12 and the deliveries 25, leaving a stock of 272, against 117 in April.

RUBBER is again dearer, and prices all round have advanced fully ½d. per lb. since our last. Spot at the close was 9d. per lb., but on Saturday up to 9½d. per lb. was paid. The "bear" position previously reported, combined with the good trade buying, are at present the dominating factors. The important point is, whereas deliveries are fairly substantial, shipments from the East are very small, and there seems little prospect of heavier arrivals for many months to come. The arrivals last week totalled 1,615 tons, whilst deliveries were 2,960 tons, showing a further decrease of 1,345 tons in the stocks. The London stock now stands at 52,015 tons, against 68,187 tons at the corresponding period last year. Quotations (Wednesday, 5 p.m.) No. 1 standard ribbed smoked sheet, spot and May 9d.; June, 9½d.; July/September, 9½d.; October/December, 9½d. per lb.

SAFFRON is quoted at from 50s. to 52s. per lb. for finest genuine Valencia.

SARSAPARILLA.—No grey or Lima appears to be available, and buyers are compelled to purchase native Jamaica, which is 1s. 10d. to 1s. 11d., as to quality.

The landings in London during April were 22 and the deliveries 30, leaving a stock of 71, against 152 last year.

SEEDS.—There is no change of any importance to record, the market for the past week having been quiet and prices for most articles firm. **ANISE.**—Spanish, 50s.; Levant, 34s.; Russian, 28s., spot. **CANARY** is firm: Mazagan is 15s. 6d., and Saffi 15s. on the spot. **CUMIN.**—No demand: Maltese is 55s., and Morocco 52s. 6d. spot, and 47s. 6d. c.i.f. is quoted for June shipment. **CORIANDER.**—Morocco is 47s. spot, and new crop is offered at 21s. c.i.f. for June-July shipment; Russian is 35s. on the spot. **FENUGREEK.**—Morocco is 16s. on the spot. **HEMP** is dearer and scarce; Manchurian is 18s. 6d. spot. **LINSEED.**—Mazagan is 21s. on the spot, and new crop is offered at 19s. 6d. c.i.f. for July-August shipment. **MUSTARD.**—English is 27s. per cwt. on the spot. **CARAWAY.**—Dutch for prompt shipment is about unchanged at 37s. per cwt. c.i.f.

SENNA.—Hand-picked Alexandrian pods offer at 3s. 6d. per lb. for good medium green, and at 1s. 6d. to 2s. for No. 3 and No. 2 respectively.

SHELLAC is dearer on the spot by about 12s. 6d. per cwt., usual standard TN orange quality having been

advanced to 200s.; fine orange is 22½s. to 300s., pure button 235s., and A. C. cakey 197s. 6d. To arrive, the sales include May shipment at 177s. 6d. to 182s. 6d. c.i.f. and May-June at 175s. to 180s. c.i.f. Sales for delivery comprise, May at 192s. 6d., August 180s. to 187s., and October at 182s. 6d. to 188s.

SQUILL.—There are offers of fair white new crop for July-August shipment at from about 23s. to 25s. per cwt. c.i.f.

STRAMONIUM LEAVES.—Good green Hungarian are quoted at 55s. per cwt. on the spot.

TRAGACANTH is quiet; the chief demand is for gum between £9 and £12 per cwt., but supplies of these grades are very short. Lower grades, of which there are ample stocks, are quite neglected. Current prices are:—Druggists' finest No. 1 white leaf, £30; seconds, £24 to £23; thirds, £18 to £23; fourths, £13 to £17; bold clean leaf, £10 to £12; yellow, £3 to £9; and low dark hog to ordinary thick, £5 to £7 10s. per cwt.

The stock in London at the end of April was 6,267, against 11,796 in 1927 and 5,210 in 1926. The landings to date 3,158, and the deliveries 4,652 packages.

TURMERIC is unchanged, fair Madras finger offering to arrive at 30s. per cwt. c.i.f.

WAX, VEGETABLE.—Japanese is obtainable at 83s. 6d. per cwt. on the spot.

Essential Oils

LITTLE improvement in business generally has been experienced, and prices are in many instances nominal. Should a demand occur it is thought that shortages would soon be created, for stocks are not very heavy. Sicilian oils are again dearer; vetiver is firmer, while spearmint and Japanese peppermint are easier.

ANISE (STAR).—"Red Ship" is unchanged and in poor demand at 2s. 5d. per lb. on the spot.

BERGAMOT shows little change from last week and is quoted at 23s. 6d. to 24s. for shipment, and 24s. to 24s. 6d. per lb. on the spot.

CAJUTP is steady and unchanged at 2s. 6d. per lb. on the spot.

CANANGA.—Java stands about 12s. per lb., or 6d. less in cwt. lots, on the spot.

CARAWAY is quoted at 7s. per lb. for double distilled and 6s. 6d. for crude.

CASSIA is still in a very unsettled position, with genuine worth 7s. per lb. on the spot, when procurable. Forward positions are still without further guarantee than a Hong-Kong analysis at 5s. 3d. per lb. c.i.f.

CEDARLEAF.—The spot scarcity of genuine continues and the value is from 5s. 6d. to 5s. 9d. per lb. For shipment 5s. 3d. c.i.f. is ruling.

CEDARWOOD is unchanged but on the easy side at 1s. 1d. per lb. c.i.f. and 1s. 2d. on the spot in drums. The spot value in cases is about 1s. 3d. per lb.

CITRONELLA.—Java is steady at 1s. 8½d. per lb. on the spot and about 1s. 8d. c.i.f. Ceylon is unchanged at 1s. 6½d. c.i.f. and 1s. 7d. per lb. on the spot.

CLOVE.—English distillers quote 4s. 6d. per lb. for B.P. and 4s. 6d. to 4s. 9d. per lb. for 90 to 92 per cent. eugenol, according to quantity.

GERANIUM is steady and firm. Bourbon is quoted at 16s. 1d. c.i.f. and 16s. 6d. on the spot. Algerian is worth 15s. 6d. per lb. on the spot and 15s. c.i.f.

LAVERDER.—Good quality French is quoted at 15s. 6d. per lb. on the spot for 37 to 38 per cent. l.a.

LEMON is dearer again by about 6d. per lb. Sicilian is quoted at 10s. 6d. c.i.f. and 11s. per lb. on the spot, although there are some odd spot parcels selling at lower figures.

LIME.—West Indian distilled is quoted at 25s. to 26s. per lb., according to quantity. The hand pressed is nominal at 45s. per lb.

MANDARIN is at a nominal figure of 35s. per lb. on the spot, as there is no demand.

NEROLI.—Italian is quoted at 75s. per lb. on the spot. Genuine French is given as 37s. and upwards per oz., while the bigarade extra is about 54s. per oz., and the ordinary bigarade 26s. per oz.

ORANGE.—West Indian Sweet is dearer at 22s. per lb. on the spot, and it is now confirmed that the supplies at the source are exhausted, and once stocks afloat have been landed, no more will be available till after the next crop. West Indian bitter is about 20s. 6d. per lb. on the spot. Californian is quoted at 17s. per lb., but very little is available. Sicilian has advanced further and is about 24s. 6d. on spot and 25s. per lb. c.i.f. Spot business is slow, and parcels at lower prices are to be had.

PATCHOULI.—Singapore is steady at 27s. per lb. on the spot and 25s. 6d. for shipment.

PEPPERMINT.—Japanese dementholised is a little easier with spot buyers at 5s. 9d. per lb. and sellers at 5s. 10½d. for Kobayashi and/or Suzuki. The American natural tir

oil is unchanged at 15s. 3d. to 14s. per lb. c.i.f. and 14s. to 14s. 3d. on the spot, according to brand.

According to "Drug Markets" there is approximately 400,000 lb. on hand in the primary markets of America at the present time, out of a crop of about 750,000 to 800,000 lb. A normal crop is from 600,000 to 650,000 lb. From the rate of consumption at present prices, a carry-over of 250,000 lb. is anticipated, and an advance does not appear possible unless the new crop is exceedingly poor.

PEITICAIN is quoted at 6s. 9d. per lb. on the spot for Paraguay.

ROSEWOOD BOIS DE BOSE.—Brazilian is firmer at 7s. per lb. on the spot. Cayenne is also firm at 8s. 5d. on the spot.

SAGE is quoted at 8s. 6d. to 9s. per lb. for genuine American, while the Spanish is unchanged at 2s. 6d. per lb.

SASSAPARILLA is in better demand at about 5s. 9d. per lb. c.i.f. and 4s. per lb. on the spot for natural American.

SPEARMINT is still scarce on the spot at 13s. 6d. to 19s. per lb., and 15s. 6d. per lb. c.i.f.

VERVEY.—Bourbon is firmer at 22s. per lb. on the spot in tins, while original bottles are worth about 25s. 6d.

YLANG-YLANG.—Bourbon of average quality is about 50s. per lb. on the spot. The fine quality Manila is quoted at 65s. per lb.

The following arrivals have taken place from the countries indicated during the period May 2 to May 8 inclusive:—Bergamot (It.) 4 cs.; calamus (Ger.) 15 cs.; caraway (Holl.) 2 cs.; cedarleaf (U.S.) 1 dm.; cinnamon (Ger.) 1 cs.; eucalyptus (Aust.) 69 cs.; Ger. 1 dm.; juniper (Fr.) 3 pkgs.; lemon (It.) 182 cs.; mandarin (It.) 1 cs.; orange B.W.I. 15 s.; peppermint (Holl.) 1 cs.; wormseed (U.S.) 5 dm.; undressed (It.) 125 cs.; Holl. 5 cs.; (Ch.) 20 cs.; 28 dm.; Jp. 25 cs.; 10 dm.; U.S. 13 cs.; B.W.I. 5 cs.; Ger. 7 cs.; (Str.) 5 cs.; (Fr.) 5 cs.

Pharmaceutical Chemicals, etc.

One or two alterations in prices are recorded, being mostly due to severe competition. Hexamine is cheaper, while phenazone and phenacetin have changed hands at something under the quoted rates. Hydroquinone tends firmer, and sodium benzoate is moving upwards. Creosote ex beechwood and methyl salicylate are easier. Citrates are 1d. dearer. Business generally has been moderately good.

ACETANILIDE has remained subdued, with dealers offering B.P. crystals and powder at 1s. 5d. to 1s. 6d. per lb.

ASPIRIN continues in average demand, with prices for reliable makes maintained at 2s. 5d. to 2s. 7d. per lb., according to quantity; some parcels in second-hands may be slightly cheaper.

BENZOLIC ACID (B.P.) is unchanged on a fairly busy market; ex works, 2s. 0d. to 2s. 1d. per lb.; small spot parcels, 2s. 2d. per lb.

BROMIDES are unchanged, with business moderate: dealers quote ammonium, 1s. 11d.; potassium B.P. crystals, 1s. 7d.; granular, 1s. 7d. to 1s. 7d.; sodium B.P. 1s. 10d. per lb. for quantities, in cases. British makers list prices: ammonium, from 2s.; potassium, 1s. 8d. to 1s. 9d.; sodium, 1s. 11d. to 2s. per lb. in cwt. lots.

CALCIUM LACTATE seems to have been much quieter: prices are about 1s. 1d. to 1s. 2d. per lb.

CHLORAL HYDRATE.—Duty-paid crystals continue unchanged on a steady market at 3s. 1d. to 3s. 2d. per lb. for quantities, and 3s. 3d. for small lots.

CITRATES.—Makers have advanced the prices of citrates by 1d. per lb., and now quote as follows:—

	List.	28 lb.
	per lb.	per lb.
Potassium citrate B.P.	2 7	2 6
Sodium citrate B.P.C. 1925	2 7	2 6
Sodium citrate B.P.C. 1911	2 4	2 3
Iron citrate and ammonia B.P.	2 3	2 3
Iron citrate and ammonia B.P. green scales	3 2	3 1

CREOSOTE (B.P. crystals).—The fine weather of the last week does not appear to have brought about much improvement in demand; in fact, reports reflect a quiet market: spot prices are maintained at about 1s. 11d. per lb., less 5 per cent. for foreign, while this figure would be shaded for a ton or more.

CREOSOTE (B.P.) tends to ease, with the spot prices at 1s. 8d. to 1s. 9d. per lb.

CREOSOTE CARBONATE is unchanged and quiet at about 3s. 10d. to 6s. per lb.

GLUCONIC CARBONATE meets with only a limited demand: dealers quote from 4s. 2d. to 4s. 9d. per lb.

HEXAMINE is easier following upon keen competition noted for some weeks past: small crystals in quantities are down to 1s. 11d. to 2s. per lb.; fine powder, from 2s. 1d. to 2s. 2d.; free-running crystals from 2s. to 2s. 2d. per lb. for quantities.

HYDROQUINONE has been fairly active and prices tend to harden a little: stocks are none too plentiful: quoted from 3s. 8d. for half-ton lots up to 4s. 9d. per lb. for 14-lb. parcels.

LACTIC ACID is steady on spot at the duty free prices of 1s. 11d. to 2s. per lb., according to quantity: business fair.

METHYL SALICYLATE (B.P.) has met with more business of late, and prices are on the easier side at 2s. 4d. to 1s. 5d. per lb. for quantities.

METHYL SULPHONAL is dull, with dealers offering spot from 3s. to 9s. 4d. per lb.

PARALDEHYDE is steady but quiet: quantities, in carboys, 1s. 1d. to 1s. 2d. per lb.; small lots, in bottles, 1s. 3d. per lb.

PARA-FORMALDEHYDE is easier at from 1s. 3d. to 1s. 11d. per lb. for 100 per cent., as to quantity.

PHENACETIN.—Prices on quotation are being maintained at 2s. 5d. to 2s. 7d. per lb., but there seems to be some cutting of prices to secure business.

PHENAZONE.—Here, again, the quoted prices are occasionally being shaded to book the order: quoted from 3s. 10d. to 3s. 11d. per lb. for quantities.

POTASSIUM PERMANGANATE (B.P.) is steady but distinctly quiet: quantities from 5d. per lb.; small parcels, 5d. to 5d. per lb.

SALICYLIC ACID (B.P.) remains dull, with large quantities down to 1s. 2d. per lb.; cwt. lots at about 1s. 5d. per lb.

SALOL continues at the controlled prices: cwt. lots, 2s. 4d.; 50 lbs., 2s. 5d.; small parcels, 2s. 6d. per lb.

SODIUM BENZOATE (B.P.).—Conditions are slightly firmer, with some sources of supply drying up: foreign powder on spot is about 1s. 7d. to arrive, in quantities, fully 1s. 7d.

SODIUM DIETHYLARSITURATE is dull, with dealers offering on spot from 7s. 10d. per lb.

SODIUM SALICYLATE (B.P.) continues in moderate request, with prices about steady: crystals, from 1s. 8d.; powder, from 1s. 6d. to 1s. 7d. per lb. for quantities, in cases.

SULPHONAL is offering cheaply, with not much business moving: quoted from 6s. 6d. per lb.

TANNIC ACID.—B.P. crystals is unchanged, with prices for quantities from 2s. 10d. per lb.; small parcels, 3s. per lb.

TARTARIC ACID has again been quiet for the time of year, but prices are about steady on the spot at from 1s. 4d. to 1s. 4d. per lb., less 5 per cent. for foreign.

TERPIN HYDRATE is offered by dealers in large quantities at 1s. 5d. to 1s. 6d. per lb.; market dull.

THYMOL continues quiet, with fine white synthetic offering at about 9s. 6d. to 9s. 9d. per lb.

VANILLIN is easy on a dull market at from 15s. per lb. for 100 per cent. from cloves; quantities at a lower figure.

Industrial Chemicals, etc.

London, May 9.

THE industrial chemical market continues steady and a slightly better volume of business is reported in some directions. There are no changes of importance to record in prices.

ACETIC ACID is meeting with a limited demand: 80 per cent. technical, £36 15s.; 90 per cent. pure, £37 per ton, in barrels; glacial, pharmaceutical, 99 to 100 per cent., £56, in glass demijohns; glacial, in barrels, £36 per ton, ex store.

ACETONE is firm, with dealers' prices fully maintained: B.G.S., in drums, £53 to £57 per ton, ex store.

ALUM is steady on a quiet market: lump, £3 5s. to £3 7s. 6d. per ton, in casks, ex store; forward in quantities at slightly cheaper rates.

AMMONIA (ANHYDROUS) is moving in small quantities, with competition keen: quoted from 9d. to 11d. per lb. in loaned cylinders, carriage paid; slightly less for large contracts.

AMMONIUM CHLORIDE remains quiet, but dealers' prices for grey galvanising continue steady from £21 10s. per ton, in casks, ex store; slightly cheaper for contracts.

ARSENIC is fairly steady with a moderate business in small lots for white Cornish 99 per cent., which ranges from £17 per ton upward, i.o.r. mines. Slightly more interest was shown for Mexican high-grade, which is £17 7s. 6d., c.i.f. Liverpool.

BARIUM CHLORIDE is being called for now and again, but prices remain depressed: spot, 93 to 100 per cent. prime white crystals, from £7 12s. 6d. per ton, in casks, ex store; cheaper for quantities to come forward.

BLEACHING POWDER (35.7 per cent. available chlorine) continues to be offered at keen prices: important contracts from £6 12s. 6d. and smaller quantities from £5 15s. to £7 per ton.

COFFER SULPHATE is fairly steady with a moderate business for export, and deliveries against old contracts are said to be proceeding on a very satisfactory scale: makers' f.o.b. terms range from about £25 15s. to £25 5s. per ton for casks, less 5 per cent., and the quotation for home use, delivered, is fully £26 15s.

CREAM OF TARTAR has been moderately busy and dealers' prices for 99 to 100 per cent. powder are well maintained at 97s. 6d. to 100s. per cwt., less 2½ per cent.

FORMALDEHYDE is steady, but business limited: dealers quote 40 per cent. by volume from £37 per ton, in casks, ex store; cheaper for contracts.

FORMIC ACID is bright, with prices fully maintained: dealers quote 85 per cent., in carboys, £46 5s. to £46 12s. 6d. per ton, ex store.

ISOPROPYL ALCOHOL is moving well in small lots, with prices very keen: reliable 99.95 per cent. from 10s. 9d. to 11s. 3d. per gallon, in drums.

LEAD PRODUCTS.—Lead acetate is steady but not active: spot, brown, £40; white, £42 per ton, in casks, ex store; red lead, imported, about £30 per ton, c.i.f. London: white lead, imported and home makes, dry, £36 to £42; ground in oil, £41 to £50 per ton, carriage paid in U.K. Convention prices are unchanged.

OXALIC ACID continues in fair call at from £29 17s. 6d. to £30 per ton, ex wharf.

POTASSIUM CARBONATE is still slow of sale: 90 to 92 per cent., £25; 96 to 98 per cent., £26 per ton, in casks, ex store; slightly cheaper for contracts.

POTASSIUM CHLORATE is meeting with a fair demand: quantities to come forward, from 2½d.; small spot parcels, from 3½d. to 3¼d. per lb., ex store.

POTASSIUM PERMANGANATE is very dull: commercial quality, in drums, 4½d. to 5d. per lb., ex store.

POTASSIUM PRUSSIAN is quiet: quantities, in casks, from 6½d. per lb.; small parcels, from 7d. per lb.

POTASH CAUSTIC.—Convention prices continue unchanged; business is only moderate: less than one ton, £35 15s.; one to five tons, £33 5s.; five to fifteen tons, £32 15s. per ton, in drums, ex store; 30s. per ton, less c.i.f. in all cases.

SALTCAKE remains dull, with home trade prices for bulk quantities about £2 15s. to £2 17s. 6d. per ton, delivered.

SODIUM ACETATE is bright, with supplies scarce: spot, fully £21 per ton, in casks, ex store.

SODIUM CHLORATE is meeting with a little more business: prices are steady at about 2½d. per lb. for quantities to come forward; spot, 3½d. to 3¼d. per lb.

SODIUM HYPOSULPHITE.—Dealers' prices are steady, business fair: pea crystals, in one-cwt. kegs, £15 to £15 2s. 6d.; commercial quality, £9 10s. per ton, in casks, ex store. British makers' price for pure crystals to home consumers on contract, £15 per ton, carriage paid to buyer's station.

SODIUM NITRATE remains quiet, with prices unchanged: 95 per cent., £11 2s. 6d.; 96 per cent. refined, about £11 7s. 6d. per ton, f.o.r. docks, London.

SODIUM NITRITE is unchanged: 100 per cent. basis, £19 10s. per ton and 20s. per cwt., docks, London.

SODIUM PRUSSIAN has been in some request, with dealers' prices for yellow steady at 4½d. per lb. for large quantities, in casks; small parcels, 5d. per lb., ex store.

SODIUM SULPHIDE is quoted by dealers at £9 10s. for 60 to 62 per cent. solid, and at £10 10s. per ton for broken, in drums, ex wharf.

SULPHUR is in demand and prices are well maintained: American crude is £5 12s. 6d. to £5 17s. 6d., refined Sicilian flowers £13 7s. 6d., refined ground £12, and roll £10 15s., all c.i.f. to arrive.

COAL-TAR PRODUCTS, ETC.—Steady conditions are reported, with a moderate business in some lines. Pitch is very dull. ANILINE OIL continues to be quoted from 8d. per lb., packages extra, carriage paid; market steady. ANILINE SALT is unchanged at from 8d. per lb., packages extra, carriage paid. BETANAPHTHOL is moving well, with the price for large quantities steady from 10d. per lb., carriage paid. CARBOLIC ACID crystals show no change, with the market rather quiet; export, from 6½d. per lb., f.o.h., in drums with over-casks; home trade, about 7d. per lb.; crude 60's, about 2s. 3d. per gallon, naked at works. CREOSOTE OIL is steady on a quiet market: ex works, 7½d.; f.o.b., 8½d. per gallon, in bulk quantities. NAPHTHALENE is dull and unsteady: imported flakes and balls, about £16 15s. per ton, in cases, ex wharf. METHYL ALCOHOL is moving in good volume, with dealers' prices steady: spot, about £45 per ton, in drums, ex store; cheaper for quantities to come forward. PYRIDINE continues dull, with prices nominal at 5s. 6d. to 6s. per gallon, f.o.h. TOLUOL is moving in moderate quantities, with prices unchanged: commercial 90's, 1s. 6d. to 1s. 7d.; pure, about 1s. 10d. per gallon, ex works. XYLOL remains quiet: commercial, about 1s. 6d.; pure, about 1s. 10d. per gallon, ex works. PITCH remains at 60s. per ton, f.o.b. East Coast; business has been unimportant.

Fixed Oils, etc.

THERE has been much more business in some lines and the market generally is showing more life. Acid oils are active and firm. Palm oils have advanced. American turpentine is easier. ACID OILS are firm with business good: coconut and/or palm kernel, 37s. 9d.; groundnut, 32s.; soya, 23s. 9d. spot. CASTOR is still quiet: pharmaceutical, 50s.; first pressings, 45s.; second pressings, 42s. per cwt., in barrels, in not

less than one-ton lots; Bomhay, 40s. c.i.f. COCONUT is quiet but fairly steady: deodorised, spot, 48s.; Ceylon, 42s. c.i.f.; Cochin, 52s. c.i.f. COTTON has been quiet and slightly cheaper: deodorised, 44s.; common edible, 43s.; soap-making, 38s.; crude, 35s. 6d. spot. GROUNDNUT is quiet and unchanged: deodorised, spot, 47s. 6d.; crude Oriental, 41s. c.i.f. PALM KERNEL remains dull: deodorised, spot, 45s.; crude, 40s. 9d. spot. PALM.—Prices for all grades show an advance and the market continues very steady and fairly active: Lagos, 35s. 6d.; softs, 35s. 3d.; mediums, 35s.; hards, 35s. 6d.; bleached, 37s. 6d. spot. RAPE.—Prices are well maintained on a quiet market: refined, 45s. 6d.; crude, 43s. 6d. spot. SOYA continues quiet: deodorised, 40s.; crude, 36s. 3d. spot. LINSEED (raw, naked).—There is little change in prices; the market is dull but fairly steady: on spot, 31s. 3d.; May, 30s. 6d.; June, 30s. 9d.; May-August, 30s. 9d.; September-December, 31s. 9d.; January-April, 32s. 6d. Hull, on spot, 29s. 10½d.; May, 30s.; May-August, 30s. 3d.; September-December, 31s. 3d. Boiled oil, spot, 34s. 9d. TURPENTINE continues dull, prices being again easier, in sympathy with America. The London spot price closes at 40s. 9d.; June, 41s. 3d.; July/December, 42s. Deliveries last week were 2,689 barrels, making a total since January 1 of 37,295 barrels, comparing with 50,619 barrels for the same period last year. Stocks were further reduced to 31,840 barrels, against 26,762 barrels at the same date last year. RESIN.—The market reacted and business was slow. C.i.f. rates for American are as follows: B to D 16s. 9d. to 17s., E 17s. 10½d., F 18s. 3d., G 18s. 6d., H/I 18s. 7½d. to 18s. 9d., K.M. 19s., N 20s. 10½d., W.G. 21s. 6d., and W.W. 22s. 6d. Terms ex-wharf are held for the higher premium of 10½d. per cwt. French grades are neglected, being considered too dear compared with American. WOOD.—Hankow on spot is firmer at about 75s. 6d. per cwt., in barrels, on the spot. OLIVE.—B.P. in barrels, is quoted at 6s. 9d. per barrel and at 6s. 7d. c.i.f. to arrive.

LUBRICATING, MINERAL, BURNING OILS, ETC.—Benzol is very steady, with business moving well. Paraffin oils, as intimated last week, have moved back to their former rates, following upon the removal of the Budget duty. Lubricating oils are steady on spot. BENZOL continues very steady and fairly active: crude 65's, 11½d.; standard motor, 1s. 4d.; pure, from 1s. 6d. per gallon, ex works, in tank wagons. FUEL OIL.—Prices continue unchanged on a quiet market: 950 gravity, £3 12s. 6d.; 890 gravity, £4 7s. 6d. per ton, ex tank; slightly cheaper forward. PARAFFIN WAX and SCALE continue very steady and fairly active: wax, from 2½d. to 4½d. per lb., according to melting point, in bags; scale is quoted for shipment at £19 to £20 per ton, c.i.f. U.K. port. PARAFFIN OILS.—American water-white, 11½d.; standard white, 10½d. per gallon, barrels free, ex wharf; Roumanian kerosene oil, 5d. to 5½d., ex tank, 5½d. buyer's barrels, filled free, and 9½d. per gallon, barrels free; American water-white kerosene, 5½d. to 6d., 6½d. and 9½d. per gallon respectively. WHITE OILS continue steady but quiet: special No. 1, £24 2s. 6d.; No. 1, £23 5s.; No. 3 half-white, £20 10s.; No. 4 half-white, £19 10s. per ton, drums and barrels free, ex wharf. SOLVENT NAPHTHAS remain very dull and unsteady: 90 to 160 and heavy 90 to 190, 9½d. to 9½d. per gallon, naked at works. PETROLEUM JELLIES are steady, with more business: white to snow-white, £40 5s. to £52; amber and yellow, £19 to £24; dark stiff green, £12 per ton, barrels free, ex wharf. LUBRICATING OILS continue very steady on spot, with some opinion favouring an advance in prices in due course: spot, pales, £9 10s. to £22; reds, £11 to £21 10s.; dark cylinders, £11 15s. to £28; filtered cylinders, £18 to £27 5s. per ton, less 2½ per cent., ex wharf, London; slightly less for tank lots. SOLUBLE OIL and CUTTING COMPOUNDS, £20 to £28 per ton net. No. 1 RUSSIAN OIL is offered on spot at £14 per ton, less 2½ per cent., barrels free, ex wharf.

Java Cinchona and Coca Exports

THE following table shows the exports of cinchona and coca from Java during January 1928, compared with January 1927:—

	Cinchona		Coca	
	Jan. 1927	Jan. 1928	Jan. 1927	Jan. 1928
	Kilos.	Kilos.	Kilos.	Kilos.
Germany	—	—	3,375	—
Great Britain	166,290	—	—	—
Japan	—	9,356	—	—
Netherlands	165,916	202,917	61,050	22,562
Port Timor	—	25	—	—
Total	332,205	212,298	64,425	22,562

Exports of quinine from Java were 946 kilos in January 1928 against 1,567 kilos in January 1927.



Letters for this section should be written on one side of the paper only. Correspondents may adopt an assumed name for purposes of publication, but must in all cases furnish their real name and address to the Editor.

British Pharmaceutical Conference, 1928

SIR,—The British Pharmaceutical Conference will be held this year in Cheltenham from July 23 to July 25, and we shall be pleased to hear from members who are desirous of contributing scientific and technical papers. In order to allow sufficient time for printing, the last date for receipt of papers will be June 25. Members are earnestly requested to let us know as early as possible the titles of the papers which they propose to read, and to send the manuscript not later than June 25.

Yours faithfully,
C. H. HAMPSHIRE,
C. E. CORFIELD,
Hon. General Secretaries.

17 Bloomsbury Square, London, W.C.1.

The Council Election

SIR,—May I briefly state my policy? Commissions for pharmacists in the Army: I am distinctly in favour of such a course, in the way spoken of by Major-General Evatt, when he lectured before the Pharmaceutical Society at an evening meeting many years ago, and I had an opportunity of discussing it with him at a later date. I would defend the title "chemist" to the last ditch: I am not in favour of allowing those who hold it by our courtesy to have the monopoly of the title; in fact, I personally shall always use it, no matter what decision is arrived at, or whatever compromise is made. Professional status: Decidedly, when following our legitimate calling, the standard of preliminary examination is the portal to a profession; I find that a large number of people realise that it is a profession, and if the Pharmaceutical Society would give more publicity to training, curriculum and examinations, the man in the street would also be educated to that standard. National Insurance dispensing: Great economy could be effected by discontinuing so much unnecessary literature supposed to be of an educational nature. I still maintain that we ought not to be expected for such a small fee to add detective work and bottle-washing to the dispensing. It is no business of ours to check whether a doctor is on or off the panel, whether he prescribes appliances, etc., on or off the list. D. D. A.: As long as we carry out the different Pharmacy Acts we should not be saddled with the trouble of discovering whether a man is on or off the Register; that is a matter for the General Medical Council, or for the police. I should support any action for bringing offences against the Pharmacy Acts under the Summary Jurisdiction Acts instead of taking the offenders into the County Courts as now. I think that it is quite incorrectly stated in the address of one of the candidates in the above election: "the vacant seat." Surely all the seven seats are vacant. What would be thought of parliamentary and municipal candidates if they led their electors to think that they were still sitting candidates? . . .—Yours, etc.,

ALBAN ATKIN.

Hampstead, N.W.6.

SIR,—I have carefully considered my voting paper before sealing it. In the hope, Micawber-like, that something better can be done to improve the present deplorable position in pharmacy, I have voted for the new candidates *en bloc*. Though the Society has been in existence for eighty-odd years, it has not yet seen fit to exert disciplinary control over its members; has never pressed for an adequate definition of pharmacy, recognised in most civilised communities, in return for statutory training; and seems, in my opinion, to have had a distinct "wholesale" bias. The net result has been intense apathy on the part of the electorate towards the ruling body, and exposure consequently to attack

from without and from within. Since the advent of the pauper service (or servitude), one's own proprietary, prescribing and dispensing trade seem on the verge of extinction. It is no uncommon thing now to find surgical requisites among medicaments in the windows, and cases of traders who scarcely know the meaning of the terms on the labels; yet their contents are vouched for by the wholesale "chemist" who supplies them. The demand for the definition of the scope of pharmacy is a most urgent one, and I shall hope to see the subject tackled by the new candidates, if elected, without further delay. Those who pay the piper.—Yours, etc.,

A. J. MERRIFIELD.

Chagford.

SIR,—The election addresses of the candidates for the Council are now to hand, and having studied them, it behoves each elector to do his duty by voting for the return of seven members. With a full appreciation of what the retiring members have accomplished, I appeal to all electors to vote solidly for their re-election. Fully recognising the activities and the abilities of the members of "The Optical Group"—their aspirations and the promises of what they will do for us—I nevertheless submit that the time is not opportune for change or experiment of any kind, but, on the contrary, that we pin our faith and continue our trust in the reasoned and reasonable statements of the men who have served us so well in the past, and who have pledged themselves to follow through to achievement their aims for the consolidation of the pharmacists' interests and position in the body politic as advanced in their joint election address. In all that "The Optical Group" again promise us there is nothing new, though much that is strange and most unpractical. Their cry, in essence, is the cry of "Codlin's your friend," and there it ends. . . . Nor can we—in the much-regretted retirement of Mr. Edmund White—add a better or more suitable candidate than Mr. F. G. Wells, who whole-heartedly endorses their policy. If I may separate out a name from their number, it is that of Mr. W. J. Beardsley, who during his three years on the Council has shone to such advantage, and more particularly in the strenuous fight he has made for the recognition of the apprentice in approved wholesale laboratories, which recognition in justice and in equity is due to him and must come.—Yours, etc.,

J. THOMSON.

President, East Metropolitan Branch of the Pharmaceutical Society.

London, E.

Welsh Chemists' Insurance Terms Meeting

SIR,—With reference to the observations by "Xrayser" regarding Welsh chemists, which appeared in our issue of May 5, the report which you published of my meeting in North Wales at Bangor contained several inaccuracies. I think it is only fair to the chemists in North Wales to say that there was no hostility whatsoever evinced to me personally or to the R.P.U. as such. It was an exceedingly pleasant meeting from my point of view, and I have nothing whatever to complain of in regard to the meeting itself or the entertainment I received after the meeting. In connection with the suggestion that Wales should have an independent drug fund, the statement I made was based upon facts and figures which had been supplied to me by the Welsh Board of Health, and there is not the least doubt that if Wales was separated from England for National Health Insurance purposes the chemists would be worse off than they are at the present time. The economy as compared with England in prescribing is more than counterbalanced by the extra cost of mileage and other charges upon the total amount available for medical benefit. The only basis upon which Wales could separate would be that the entire medical benefit fund should be separate for Wales, and on that basis Welsh chemists to-day could not gain any advantage. I did not tell Wales that it was an extravagant area, but I did point out that so far as Wales was concerned North Wales was more extravagant than South Wales, and that if separation was to be pushed to its logical conclusion South Wales might well demand to be separated from North Wales because they were much more economical. If anyone doubts the statements in regard to the separa-

tion of the drug fund, the Welsh Board of Health can supply the necessary particulars to any Pharmaceutical Committee in Wales. This is not a matter of opinion; it is a question of facts. Another inaccuracy in the report to which "Xrayser" draws attention is that portion where I am represented as saying that if the chemists refuse to do the dispensing, the Government would give the work to doctors' dispensaries; what I actually said was that I believed that national dispensaries could not be established as an alternative to our own system, but I did realise that in the event of a disagreement between chemists and the Ministry of Health, there were plenty of doctors who would be only too glad to supply the medicines, and that it was impossible in those circumstances to be sure that an alternative service could not be provided. I regret the necessity for correcting the statements made by "Xrayser," but in fairness to the Welsh chemists I thought it only right to do so. There was no reporter present, and, therefore, any report of the meeting was probably compiled from memory. I may say that I came away from the meeting feeling that the question of separating the Welsh drug fund from the English drug fund would be dropped altogether, although I pointed out that so far as the R.P.C. was concerned it was immaterial whether they were two funds or not; it was entirely a matter for Wales to decide at the present time, since they would lose by separating the funds, and we in England, naturally, did not suggest separation in these circumstances, more especially as we believed that Wales would not benefit in the long run by having a separate drug fund.

Yours faithfully,

G. A. MALLINSON.

Secretary, Retail Pharmacists' Union.

London, W.C.1.

Brandy in Prescriptions

SIR.—I do not question the accuracy of your reply to "E. W. E." but I think that if I had received such a script I should not have hesitated to dispense it, always supposing I had, or could obtain, the necessary brandy. In the Pharmacopœia of 1898 there is included not only spt. vini gall., but also a mist. spt. vini gall. What would be the position now if one were handed a script calling for the mist. spt. vini gall., B.P. '98?

Yours faithfully,

FRUMENTUM (2 5).

The Interests of Insurance Patients

SIR.—To those who have been members of Insurance committees or who have been otherwise interested in this great campaign for the national health since the troublous times of 1914, there is something disquieting in the present conditions under which medical benefit is becoming gradually but surely administered not on national lines but according to local views and opinions. During the last fourteen years, those of us who believed that in the machinery of the National Health Insurance Acts we had a tremendous force working for the welfare and the health of the worker, have spoken and written, have preached in and out of season that an insured person is entitled to exactly the same medical treatment as a private patient; and that, furthermore, that patient is entitled, as part of his Insurance benefit (to which he has contributed week by week) to whatever drugs and medicines the practitioner in the exercise of his professional judgment considers necessary. To have to a great extent lived down the ignorance and prejudices of those early years of the Act, when "panel medicine" was to many synonymous with cheap and inferior medicine, to have combated this and other malevolent statements, to have fought for the principles, so admirably set forth in your "leader" of March 17, that an insured person is entitled to proper and sufficient medicines—and now to find what? Almost every week your columns contain the report of another Insurance committee which has decided to "disallow" some medicine which a doctor has ordered for an insured person. The Minister of Health, instead of controlling that section of the National Health Insurance Act relating to medical benefit, is apparently allowing each Insurance committee to decide what medicines may or may not be prescribed

by the doctors in its area. Is this National Health Insurance, and is it fair to the insured person that such regulations should be made every day by local bodies who are oblivious of the fact that the Act they are mal-administering is national? National! It has now become "The Act of the Parish Pump," with the handle manipulated by the Panel and Pharmaceutical Committees.

I am, etc.,

ALBERTO (2 5).

A Reciprocity Question

SIR.—The decision of the Australian Pharmaceutical Conference "that reciprocity with Northern Ireland should be postponed until such time as the Pharmaceutical Society of Great Britain agrees to this step with Northern Ireland," somewhat nullifies the North Irish Pharmacists' Association's referendum on this question. The value of this referendum, which is now in progress, is based upon the impression that reciprocity with the Dominions and Colonies is a foregone conclusion, whilst with Great Britain it is still an open question. The Australian resolution shows that this is not so, and calls for a revision of thought. However the referendum results, the message from the Antipodes is of sufficient importance to be considered a mandate for the Northern Ireland Society to go ahead with their negotiations with Great Britain.—Yours faithfully,

M.P.S.N.I. (2 5).

Dispensing Notes and Difficulties

An Incompatible Mixture

SIR.—The following mixture throws out a precipitate which sticks to the sides of the bottle and cannot be shaken up. Could you tell me if there is a more satisfactory method of dispensing it?—

Tr. valer. ammon. ....	...	3ij.
Crem. magnesiae (Phillips) ..	...	3ss.
Sodii bicarb. ....	...	3ij. 3ij.
Mucil. tragacanthae ....	...	3i.
Glycerini ....	...	3i.
Tr. hyoscy. ....	...	3i.
Aq. ....	...	ad 5viij.

Yours truly,

F. G. (27 5).

[The sodium bicarbonate and magnesium hydroxide interact with formation of magnesium carbonate, which crystallises out and adheres firmly to the sides and bottom of the bottle. The reaction is complete in a few hours and no magnesium hydroxide remains. The following procedure will give the carbonate in a diffusible form:—Mix the milk of magnesia and the sodium bicarbonate with one fluid ounce of water and set aside overnight in a mortar, grind the powder finely, add the other ingredients and make up to volume. If the prescriber is accessible, he should be informed of the incompatibility and asked to omit one of the reacting ingredients.]

A Lead and Carbolic Lotion

SIR.—I should be obliged if you would suggest the best method of compounding the following:—

Calam. prep. ....	...	3ij.
Liq. carb. deterg. ....	...	3i.
Liq. plumbi fort. ....	...	3ss.
Ac. carb. liq. ....	...	3i.
Mucil. amygd. ....	...	3i.
Aq. calca. ....	...	ad 3x.

Yours faithfully,

MAGNÉSIA (27 5).

[Solution of lead subacetate forms a precipitate with carbolic acid consisting of lead phenoxide. A similar change takes place between the solution of lead subacetate and the coal tar, resulting in a precipitate of the phenolic substances. A lotion consisting of a greyish-pink, readily diffusible precipitate in a clear supernatant liquid may be prepared as follows:—Triturate the calamine in a mortar with the mucilage of starch. Add the liquor carbonis detergens, the solution of lead subacetate and the liquid carbolic acid. Stir well and make up to volume with the lime water.]

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

E. A. C. (16/4).—LABELLING ALUMINIUM CONTAINERS.—Spirit varnish is too thin for sticking labels on aluminium containers, but lithographers' varnish (such as is used for killing rats) would probably answer. An alternative would be to use a stencil.

Saloon Spirit (16/4).—(1) BOOK ON TOILET PREPARATIONS.—Poucher's "Perfumes and Cosmetics," Vol. II (Chapman & Hall), 21s. (2) SALOON SPIRIT.—This is generally denatured industrial spirit.

J. B. C. (20/4).—The chemicals used in bleaching tripe are sodium carbonate (for cleaning), alum (2 oz. to 5 gals. of water when cooking), and a 10 per cent. solution of calcium bisulphite. As tripe is not included in the articles of food in which preservatives are allowed (*C. & D. Diary*, 1927, p. 262), the use of the last-named chemical is illegal if the article is offered for sale.

F. V. (20/4).—EFFERVESCING SALINES.—These were the subject of a long article in the *C. & D. Annual Special Issue*, July 10, 1926, in the course of which the following formulas were given:—

I		II	
Sodium bicarbonate	20	Sodium bicarbonate	10
Tartaric acid	15	Tartaric acid	10
Potassium tartrate, acid	15	Magnesium sulphate	
Sodium sulphate (dried)	10	(dried)	5
Sugar	60	Potassium tartrate, acid	10
		Sugar	30

W. H. H. (24/4).—INSECT STINGS.—The following formulas have been suggested as preventives of insect stings:—

I		II	
Ol. cedri...	3ij.	Extract of quassia,	
Ol. citronel.	3ij.	dried	gr.viii.
Spt. camph.	ad 3j.	Boric acid	3ss.
		Borax	3ss.
		Glycerin	3ij.
		Oil of lavender	
		(spike, terpeneless)	xxxiv.
		Industrial spirit	5vj.
		Distilled water to	1 pint

Smear on the parts as often as is necessary. The permission of the Board of Customs and Excise must be obtained for the use of industrial spirit. The immediate local application of a saturated solution of aloes in alcohol has been found of benefit in the treatment of wasp stings and insect bites. An article on "Combating Insect Bites" was published in the *C. & D. Annual Special Issue*, June 25, 1927.

J. L. P. (28/4).—(1) The sample you send is hydroquinone.—(2) SALAD DRESSING.—See *C. & D.*, March 3, p. 294.

W. H. B. (30/4).—FACE POWDER FORMULAS.—See *C. & D.*, February 4, p. 158.

O. H. (4/5).—DESTROYING MOLES.—The usual methods of ridding land of moles were given in the *C. & D.*, March 31, p. 436. We have no record of the use of the chemical you mention for this purpose.

E. T. T. (9/83).—HAIR LOTION.—This is a nearly colourless aqueous liquid with a thin layer of oil floating on the surface. The specific gravity is 1.0; "total solids" (including the oil), 0.6 per cent.; ash, 0.06 per cent. The oil appears to be a fixed oil, such as olive oil; the ash consists of a lead compound; the solution is acid. Hence, an application of similar properties may be produced from lead acetate, 1 grain, olive oil, 5 or 6 minims, a little acetic acid, and a very little perfume, water to 2 oz.

W. L. D. (13/13).—HAIR WAVING PREPARATIONS.—The following are examples of the preparations used for this purpose:—Vapour oils used in permanent waving machines are strong solutions of potassium carbonate in distilled water. The carbonate gives the water a much greater viscosity, and when the bottle is tilted slowly the

solution looks like oil. A 10 per cent. solution meets the demand as a rule, although some contain 15 per cent. Balsamic Oils are solutions of potassium carbonate (10 per cent.) and borax (10 per cent.) in distilled water; they are used in permanent waving machines as the "Balsamic Oil Process." The layer of white powder in a "balsamic pad" is borax.

Navillus (9/85).—ALUMEN PLUMOSUM is a designation for asbestos; pearl ash is crude potassium carbonate, formerly prepared from wood ashes by extraction with water, evaporating the mother liquor to dryness and then calcining the residue.

Legal Queries

K. B. (9/5).—The certificate of the Apothecaries' Hall entitles the holder to dispense medicines under supervision for any pharmacist on the Insurance panel; also to act as a dispenser to a doctor or in any dispensership under supervision.

BM/JVJX (8/85) sent some chairs to an upholsterer to be repaired, eighteen months ago. The upholsterer has repeatedly promised to return the chairs, but has failed to deliver them, although "BM/JVJX" has sent for them. What action can "BM/JVJX" take? [All that he can do is to take proceedings against the upholsterer in the County Court for the return of the chairs, and also for damages if he can prove that he has suffered any in consequence of the upholsterer's delay in the performance of his contract.]

P. D. C. (8/85) took an office on a monthly tenancy and was given two keys. The office was in a building which is closed at 6 p.m., and to enable him to use the office in the evening the landlord had a key made of the outer door and gave it to "P. D. C." who paid the cost of cutting it—2s. 6d. On April 1, "P. D. C." gave a month's notice terminating the tenancy, and on April 30 he handed over the two office keys to the landlord, who accepted them. "P. D. C." has kept the key of the outer door although the landlord has pressed for its return, and the landlord now states that by keeping the key "P. D. C." has created a fresh tenancy for which he will be charged 7s. a week rent (more than the rent of the office) until such time as this tenancy has been put an end to by proper notice. Is the landlord acting within his legal rights? [In our view, the retention of the key has not created a fresh tenancy and "P. D. C." can refuse to pay the rent demanded. On the other hand, we think that if the case came into court he would be ordered to return the key; possibly, upon being refunded the 2s. 6d. he paid for it, if it was understood, at the time the original tenancy was granted, that "P. D. C." was to have access to the office after the building was closed.]

Retrospect of Fifty Years Ago

Reprinted from
"The Chemist and Druggist," May 15, 1878

Mr. Frazer on Pharmaceutical Politics

I do not wonder that in some quarters it has been strongly urged upon candidates for the London Council to publish their views on pharmaceutical matters, in addresses through the Press, and had I been a new candidate for election, and so my views not have been known, or had it been the use and wont in existing members to publish such addresses as some of the electors desire, I would willingly have done so myself. But I think the mode now advocated a more excellent one. Printed addresses can only give a vague idea of the candidate's general qualification for the office he seeks to fill, and tell how he intends to vote in the future, whereas if the plan of district or territorial representation be adopted, and a local man is selected as the candidate for any given district, his whole character, his social standing and influence, as well as his views on the pharmaceutical topics of the day would be thoroughly known. What he had done in the past would be as well known as what, by published addresses, he proposed to do for the future. In fact, he would be known inside and out.



[Commenced C. & D., July 5, 1924]

Ordinary Meeting.—A meeting of a company, which either by statute or under the company's articles of association must be held periodically, is called an ordinary meeting. The term is usually applied to the general meeting of a company, which must be held once, at least in every calendar year and at intervals of not more than fifteen months. If default is made in calling the meeting, the Court can order it to be held. Notice of the ordinary meeting must be given to every member of the company in accordance with the articles of association, and the notice must state the time and place of the meeting. Subject to the provisions of the articles, at least seven days' notice of the meeting must be given. The business usually transacted at an ordinary meeting is the presentation of the accounts and the annual report, the election of directors and officers, and the declaration or confirmation of dividends. Special business may be discussed at a general meeting, provided that the notice has specified its nature. An ordinary meeting cannot be held unless there is a quorum present. The articles usually provide that three persons shall constitute a quorum; but if they do not, two are sufficient. Subject to the articles, every member present at an ordinary meeting has one vote on a show of hands, and on a poll one vote for every share he holds.

Orris Root and its Oil.—The normally distilled oil is a semi-solid substance usually termed concrete oil of orris. It consists of from 80 to 85 per cent. of myristic acid, together with a comparatively small odoriferous constituent. Three species of orris are usually employed for the production of commercial orris root and orris oil. *Iris Germanica* flourishes around Florence and Lucca, also in Central and Southern Europe, North India and Morocco. This species has dark blue flowers. *Iris pallida* has paler-coloured flowers, and grows wild in the chalky soils of Istria, and also around Florence and Lucca. *Iris florentina* has large white flowers and is a native of the Macedonian coast and the south-west coasts of the Black Sea. It is also found around Florence and Lucca, in the vicinity of Adalia and about the Gulf of Ismid. The best roots come from Tuscany and are known commercially as Florentine orris, but this phrase includes the roots of all three species. Though the orris root is largely used and dealt with in commerce, orris oil has a distinct importance. Nine samples which were examined had the following characters:—

No.	Melting point	Acid value	Saponification value
1 ..	50°	208.0	—
2 ..	45°	188.6	208.7
3 ..	39°	203.8	207.8
4 ..	40°	156.7	173.6
5 ..	39°	182.6	198.3
6 ..	46°	217.6	244.4
7 ..	34°	118.8	174.8
8 ..	39°	207.5	212.1
9 ..	44°	183.3	208.7

It is believed that the odorous constituents of the oil consist in the main of the ketone irone, $C_{15}H_{28}O$. Schimmel & Co. have identified as present in the oil fufurool, a terpene, decyl aldehyde, nonyl aldehyde, naphthalene, and a ketone of the formula $C_{16}H_{32}O$. Further, the following acids have been isolated from concrete oil of orris: octylic, nonylic, decylic, undecylic, duodecylic, and tridecylic. Liquid oil of orris—that is, the oil almost free from its myristic acid, and thus highly concentrated—is a commercial article, having the following characters: Specific gravity, 0.950 to 0.942; optical rotation, + 14° to + 30°; refractive index, about 1.4950;

acid value, 1 to 10; ester value, 20 to 40. It is soluble in 1 to 1.5 volume of 80 per cent. alcohol. This liquid oil, which is expensive and delicate, should not be confused with a so-called "liquid orris," which is usually a mixture of orris root with cedar wood oil. The oil is distilled from the rhizome of the plant, which, when dried and peeled, is from 1 to 4 in. in length, and is white or yellowish in colour, with enlargements thereon, each enlargement representing a year's growth. The tissue of the rhizome is firm and compact, and when in powdered form it may be recognised by the starch grains, which are mostly single, oval or elliptical in shape, and with a distinct branching hilum. Originally the roots were derived from wild plants, but to-day they are cultivated on a considerable scale. The village of San Polo is the centre of the most renowned orris district. The harvest is gathered in June and August, when the season is dry and the roots are well developed.

Osier is the common term under which is included the various species, varieties and hybrids of the genus *Salix* used in the manufacture of basket and other wicker work. The chief species in cultivation are: *Salix viminalis* (the common osier), *S. triandra*, *S. amygdalina*, *S. purpurea* and *S. fragilis*, which botanically are willows and not osiers. The first-named with some forty varieties at one time formed the staple basket-making material in England. It is by reason of its pithy nature mainly cultivated for coarse work, and is generally used as brown stuff. Some harder varieties of it, known as stone osiers, raised on drier upland soils, are peeled and used for fine work. *S. fragilis*, with about ten varieties, is almost exclusively used by market gardeners for bunching greens, turnips, etc. Owing to the increased demand for finer work (protective sheath for perfume bottles, etc.), much attention has been given in recent years to the cultivation of the more ligneous and tougher species, *S. triandra*, *S. purpurea* and *S. amygdalina* with their many varieties.

Otto of Rose.—See Rose oil.

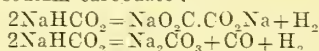
Ounce.—The preface to the British Pharmacopœia states:—"... the symbol ʒj. to represent sometimes 480 grains, sometimes 437½ grains, and also to represent one fluid ounce. . . ." The avoirdupois ounce, 437½ grains, is one-sixteenth of a pound (7,000 grains), and is usually written in the abbreviated form "oz." In dispensing, an ounce is understood to equal 480 grains—i.e., an ounce according to apothecaries' weight, identical with the troy ounce. In these systems the grain is the same. The fluid ounce, as far as British pharmacy is concerned, is 1/160th of an Imperial gallon, which is the measure (a volume of slightly over 277½ cubic inches), at 62° F. and normal pressure, of 10 pounds of pure water. (See "The Art of Dispensing," pp. 34-36). In the United States a fluid ounce of water at 25° C. weighs 454.6 grains. (See Measures, Imperial.) Under the National Health Insurance Act apothecaries' weights are used in dispensing, but avoirdupois weights for dressings.

Overseas Trade.—See Department of Overseas Trade.

Oxalic Acid.—At the beginning of the seventeenth century it was observed that acid potassium oxalate was present in *Oxalis acetosella* and in *Rumex acetosa*; and in 1773 Savary isolated the acid from *sal acetosellæ*. Bergmann, by oxidising sugar with nitric acid, prepared a similar acid, but it was left to Scheele finally to establish the identity of these acids. Berzelius and Döbereiner determined its composition. Gay-Lussac made oxalic acid in 1829 by fusing various organic compounds with caustic potash; and the firm of Roberts, Dale & Pritchard prepared it in 1856 on a large scale by heating sawdust and alkali. Kolbe and Drechsel synthesised sodium oxalate in 1868 from carbon dioxide and sodium. It was observed in 1840 that an alkaline formate on heating was converted into an alkaline oxalate. This reaction was later studied by Merz and Weith, and became the subject of numerous patents. At the present time nearly all oxalic acid is prepared by the formate process. In the mineral kingdom calcium oxalate occurs as Whewellite, and iron oxalate is found in brown coal deposits as Humboldtite or Oxalite. In plants oxalic acid is found as sodium and potassium oxalates in species of *Rumex* and *Oxalis*, the magnesium salt is present in

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some gramineæ, and calcium oxalate is widely distributed in most plant organs. In the animal kingdom ammonium oxalate occurs in guano. The acid is a normal constituent of human urine, and is present in large quantities in oxaluria. It is present in the gall and liver of cattle, spleen and thymus glands. In large quantities the acid is poisonous to animal and plant organisms. In certain concentrations it inhibits the development of many micro-organisms, but in other dilutions it can serve as a nutrient medium. From 1856 to the end of the 'nineties the preparation from sawdust was the only commercial process for the preparation of oxalic acid. In spite of the simplicity of the reaction the manufacture of sodium oxalate from carbon dioxide and sodium by direct combination— $2\text{Na} + 2\text{CO}_2 = (\text{CO}_2\text{Na})_2$ —has had no success, owing to the relatively high cost. Oxidation of carbohydrates (sugar, starch, dextrin, syrup, molasses, cellulose) with nitric acid is not a commercial practicability, owing to the formation of intermediate products and the relatively small yield. The modern process of preparation is by heating sodium formate. Merz and Weith found that, by heating this salt rapidly to 420° , 70 per cent. of oxalate was produced, while at a low temperature it was converted largely into sodium carbonate:



Oxalic acid, $\text{HO}_2\text{C} \cdot \text{CO}_2\text{H}$, is the simplest organic dicarbon acid, and forms monoclinic crystals with two molecules of water, m.p. 101.5°C ; s.g. at $18.5^\circ = 1.653$. A hundred parts of water dissolve at 0° , 3.52; 20° , 9.52; 60° , 44.32; 90° , 120.24 parts of acid, calculated as anhydrous; 100 parts of 90 per cent. (by volume) alcohol dissolve at 15° , 14.70 parts; 100 parts of absolute alcohol, 23.73 parts; 100 parts of absolute ether, 1.47 parts oxalic acid. On heating in a dry current of air at 100° it loses its water of crystallisation and goes into the anhydrous state, melting at 189.5° , and on careful heating to 150° subliming unchanged. Oxalic acid was formerly used in medicine as an expectorant, emmenagogue and sedative; but owing to its toxicity in large doses it has fallen into disuse. It is used in dyeing and bleaching, as a household cleanser for brass, and in analytical processes.

Oxalic Acid Poisoning.—Antidotes: Produce vomiting by any of the standard methods. Plenty of saccharated lime water, but do not use soda or the ordinary alkalis. Plenty of water and hot fomentation to the loins. An enema is often very useful. Secondary, brandy only as a stimulant.

Oxalic Acid, Sale of.—The salt by itself is specified in Part II of the Poisons Schedule of the Poisons and Pharmacy Act, 1908, and under the "all preparations or admixtures" clause any preparation or admixture must be duly labelled poison, with the name and address of the vendor, and under the Labelling Order with the amount present. On the other hand, soluble salts of oxalic acid come under Poisonous Substances, Sect. 5, 1908 Act, and may be sold by others than chemists.

Ox Bile.—A dark green or brown liquid, s.g. about 1.02, obtained from the gall bladder of the ox. It has a bitter taste and unpleasant odour, and is used in preparing *fel bovinum purificatum*, B.P. Ox bile contains the sodium salts of glycocholic and taurocholic acids and bile pigments, and in dry form it is used as a cholagogue (along with laxatives) in constipation to relieve the deficiency of biliary secretion. Bile salts have to a great extent replaced purified bile in modern therapeutic practice. Artists and photographers occasionally use ox bile in the preparation of glazed papers. It can be obtained commercially in a semi-dried state.

Oxygen: Regulations.—Since the cancellation in 1919 of the war-time Oxygen Order, 1917, which regulated the sale and supply in the United Kingdom, but reserved a portion of the oxygen manufactured for medicinal purposes, there have been no statutory regulations concerning the sale or transport of oxygen. A report of the Oxygen Research Committee of the Department of

Scientific and Industrial Research, issued in 1925, contained various recommendations as to cylinders. Nearly thirty years earlier, as a result of an accident which occurred at Fenchurch Street Station, London, in 1895, a committee was appointed by the Home Secretary to consider and report on the use and conveyance of cylinders containing compressed gases. This committee endorsed and amplified the terms of an agreement which had been reached in 1894 between the railway companies and the compressed gas trade. The railway companies have been able to enforce the terms of this agreement in respect of goods and merchandise which are, in their opinion, dangerous to the safety and comfort of the public, so that in effect the use, in Great Britain, of cylinders other than those conforming to the railway companies' specifications was almost impossible until the introduction of mechanical road transport. The 1895 committee recommended the following specifications for lap-welded wrought-iron cylinders:—Greatest working pressure, 120 atm., or 1,800 lb. per sq. in.; stress due to working pressure not to exceed $6\frac{1}{2}$ tons per sq. in.; proof pressure in hydraulic test after annealing 224 atm., or 3,360 lb. per sq. in. For lap-welded or seamless steel the greatest working pressure was the same, 120 atm. per sq. in., but other specifications varied. Testing was to be repeated at least every two years and annealing to be done at least every four years. During the war there was an increasing demand for lighter cylinders than those specified by the 1895 committee, and this demand resulted in the appointment by the Department of Scientific and Industrial Research, in November 1918, of the Gas Cylinders Research Committee. The first report of the Gas Cylinders Research Committee was issued in 1921, and dealt with cylinders for the so-called permanent gases. The following recommendations were suggested as alternative to those of 1895. After manufacture the cylinder should be heated in a furnace to a temperature not less than 820°C . and not exceeding 850°C . and allowed to cool. Maximum working pressure should be 120 atm., or 1,800 lb. per sq. in., until there is a general agreement among gas compressors that a higher limit is desirable. The proof pressure in the hydraulic test, to be repeated every two years, after heat treatment, should not exceed 200 atm., or 3,000 lb. per sq. in. Maximum working stress, 10 tons per sq. in. All cylinders should be marked with manufacturer's and owner's mark and rotation number, last date of hydraulic test and last date of heat treatment, and a mark indicating the specification to which the cylinder has been made. All marks, except those of the manufacturer (which may be on the base) should be made on the necked end of the cylinder and should be permanent and easily visible. A record should be kept of all tests made at the cylinder maker's works and copies forwarded to the purchasers of the cylinder. Provided that the valves are adequately protected by screwed on caps, cylinders need not be protected by coir mats. Cylinders should be periodically examined to determine the amount of corrosion and to ascertain that there are no surface defects. The use of coir mats was abandoned, as they promote corrosion of the cylinder, increase fire risk, obscure distinctive colouring of cylinders containing different gases, obscure the marking records and possibly surface defects, and involve serious additional expense. The use of valve caps has not hitherto been considered necessary nor desirable in the case of oxygen and other non-combustible gases by the gas compressors. Chemists, when ordering oxygen, should state whether the oxygen is wanted for medical purposes. When supplying oxygen for insured persons chemists are entitled to charge for the use of the cylinder after the first fourteen days, for the use of fittings by patients, and the actual carriage charges both ways. The Railway Rates Advisory Committee, which sat in 1922 in regard to dangerous goods classification, decided that compressed oxygen should be in Class 15. An Order in Council dated July 14, 1921, exempts from some of the rules governing the manufacture of explosives the manufacture of an explosive consisting of an absorbent carbonaceous material impregnated with liquid air or oxygen.



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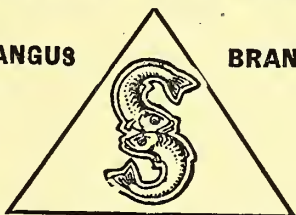
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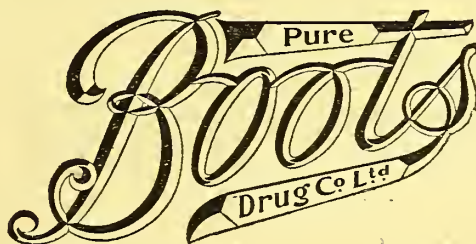
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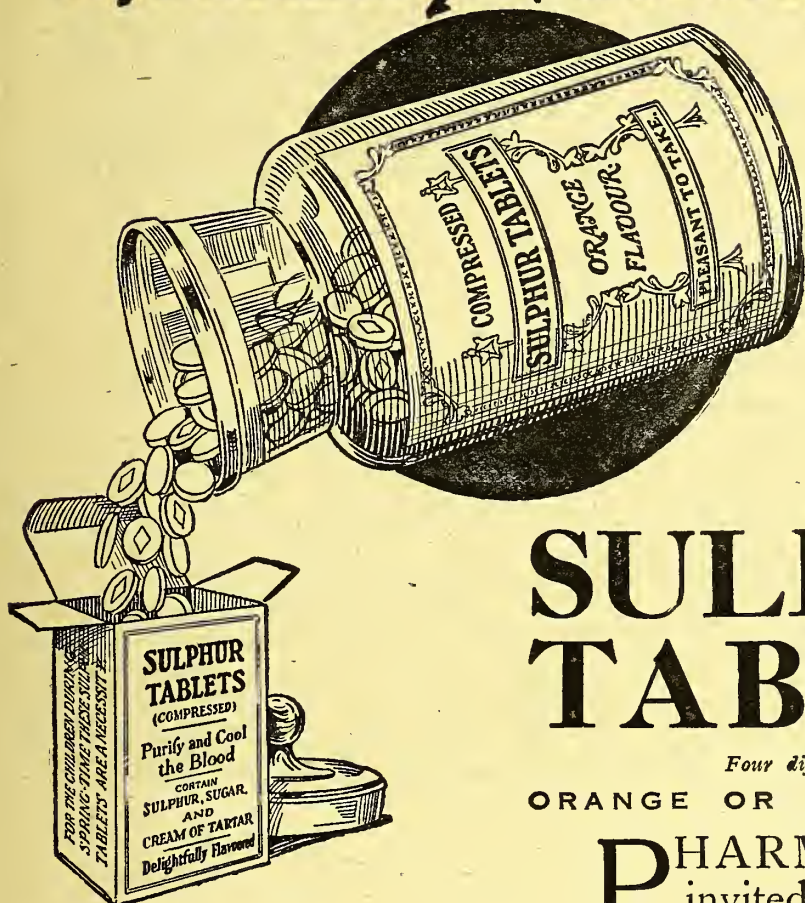
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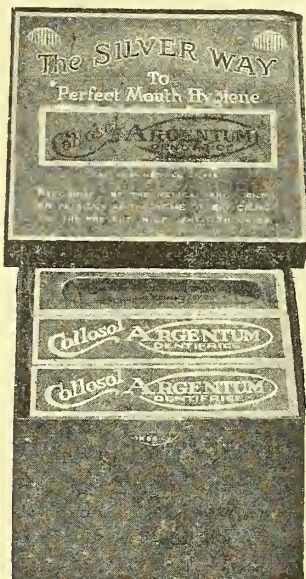
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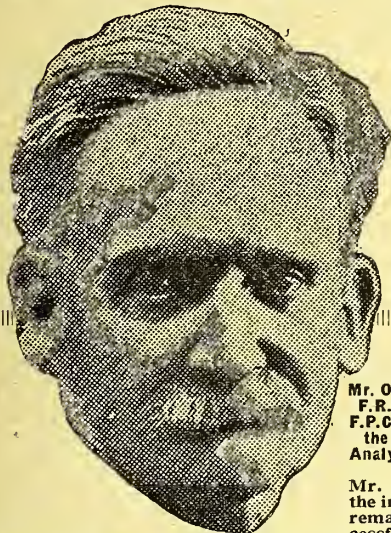
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„ 3/6 („ 1lb.) 24/- „

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Stocked by the leading Patent Houses, or direct from the SOLE MANUFACTURERS:—

C. R. HARKER, STAGG & MORGAN, LTD.

Mile End, London, E.1

LAKEROL

BRAND

BRONCHIAL PASTILLES

SHOW NEVER LESS THAN 5d. PROFIT
EVERY TIME YOU SELL A TIN.

Sell to the Public at **1/3** Price to Chemist **10/-** Doz.

PARCEL No. 1.

3 dozen, bonus 6 tins,

Outlay .. £1 10s. 0d. Profit .. £1 2s. 0d.
or 6d. per tin.

PARCEL No. 2.

6 dozen, bonus 1 dozen
 $2\frac{1}{2}\%$ trade discount.

OUTLAY, £2 18s. 6d.
PROFIT, £2 6s. 6d.
or 6 $\frac{1}{2}$ d. per tin.

PARCEL No. 3.

12 doz., bonus 2 dozen
5% trade discount.

OUTLAY, £5 14s. 0d.
PROFIT, £4 16s. 0d.
or 7d. per tin.

Send Orders and Enquiries to

PASTILLES LIMITED

124 HIGH STREET, SHOREDITCH,
LONDON, E.1.

“YEAST FOR VITAMIN B.”

Yeast specially prepared for medicinal
purposes.

GUARANTEED ABSOLUTELY PURE.

MIDGLEY & PARKINSON, LTD.,
WARREN WORKS, PUDSEY, LEEDS.

DUTCH DROPS

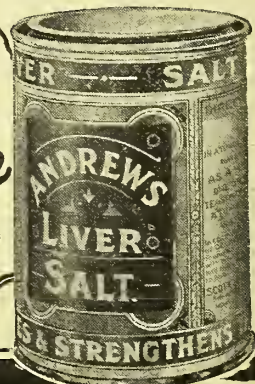
The Original-HAARLEM OIL

Also in Capsule Form.

We are Sole Distributing Agents for the British Isles, British Colonies, Scandinavian Countries, Spain, and South America.

BROOK, PARKER & CO., LTD., BRADFORD.

The Saline
with the
largest sale
9 $\frac{3}{4}$ & 1/4.



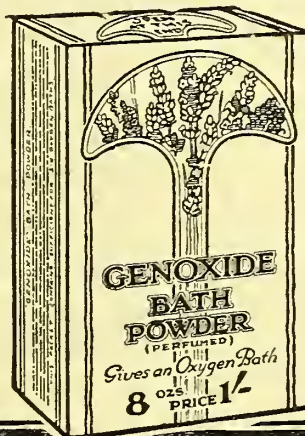
Genoxide**PEROXIDE
OF
HYDROGEN****B.P.**STABLE TO THE
LAST DROP.In 3 popular sizes,
retailing at :

4 OZ.	..	1/-
8 OZ.	..	1/6
16 OZ.	..	2/6

P.A.T.A.

**GENEROUS
MARGIN OF
PROFIT—**MINIMUM
50%**GENOXIDE
BATH POWDER**

A genuine Oxygen bath powder. Subtly perfumed, fully effective and packed in attractive cartons. "Genoxide" Bath Powder sells at popular prices which will increase the demand for medicated Bath Powders



RETAIL PRICES.

8 OZ.	1/-
16 OZ.	1/9

Terms to Trade :—
7/- per dozen 8 oz.
packets, 12/- per
dozen 16 oz. packets.

GENOXIDE LTD. LUTON**IT PAYS TO
STOCK & SELL****Vapo-Cresolene**

The great vaporised antiseptic that for close on 50 years has been an unflinching remedy for bronchial troubles, such as—

**COUGHS, COLDS, INFLUENZA, ASTHMA,
BRONCHITIS, WHOOPING COUGH, ETC.****Bold Advertisements**

are now running in all the important papers and bringing customers to your counter. This big selling winter-line yields the pharmacist a good profit, and satisfied customers mean repeat sales.

For all particulars, trade terms, etc., write :

ALLEN & HANBURY, LTD.
LOMBARD STREET - LONDON, E.C.3**DAGGETT & RAMSDELL'S
PERFECT
COLD CREAM AND
VANISHING CREAM**

The prices are—

PERFECT COLD CREAM.

6d. tubes	..	..	..	3/4 dozen
1/1 ..	..	..	..	8/4 ..
2/6 ..	..	..	..	13/9 ..
1/8 jars	..	..	..	12/9 ..
2/6 ..	..	..	..	18/9 ..
4/3 ..	..	..	..	34/- ..
7/- ..	..	..	..	56/- ..

PERFECT VANISHING CREAM.

6d. tubes	..	..	..	3/4 dozen
1/1 ..	..	..	..	8/4 ..
1/8 jars	..	..	..	12/9 ..
2/6 ..	..	..	..	18/9 ..

From all Wholesalers or direct from

BROOKS & Warburton

(American Drug Supply Co.), Ltd.,

40-42 Lexington St., London, W.1

PURE MALT EXTRACT

with *FINEST*

NORWEGIAN COD LIVER OIL

The Brand that does not separate nor crystallize.

Your own name and address on labels. In English jars, etc. Direct from the actual manufacturers.

THE BRITISH DIAMALT COMPANY
SAWBRIDGEWORTH - - - HERTS.

MASON'S EXTRACT OF HERBS

MASON'S WINE ESSENCES
(SUMMER FLAVOURS)

CLARK'S LIVER SALT

□ □ □

Please apply for Price Lists and particulars of

**WINDOW DISPLAY
ALLOWANCES**

□ □ □

NEWBALL & MASON, LTD.
NOTTINGHAM.

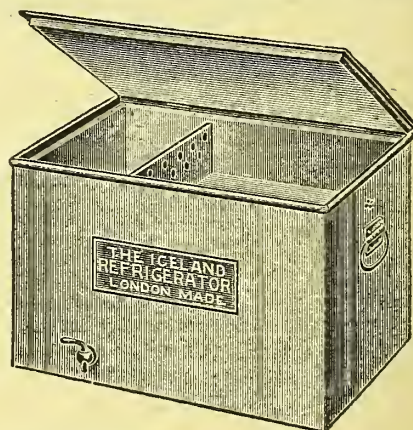
The "ICELAND" (Portable) Refrigerator

Double Body. Insulated and Ventilated. Japanned White outside. Galvanized Iron inside.

FOR SMALL HOUSEHOLDS, NURSERIES & SICK ROOMS

To cool small quantities of Milk, Butter, Cream, Minerals, Wines, Meat, Fish, etc.

We also manufacture Cabinet and Chest Refrigerators in Wood—Metal Lined.



Illustrated Catalogue from Actual Makers:
ALBERT C. SHOPPEE, LTD.
Belmont St., Chalk Farm, LONDON, N.W.1

WINDOW STICKERS FOR Non Substituting CHEMISTS

'ASPRO'

We have been requested by chemists to supply anti-substitution advertising matter. We have, therefore, prepared this window sticker, size 23½ ins. x 7 ins. We suggest you write for one to-day. It will be sent Post Free

Write for this
TO-DAY



ALSO PUT IN AN 'ASPRO' WINDOW DISPLAY—Connect up with 'ASPRO' continuous advertising and make £5 to £10 a week.

**ASPRO IS LISTED ON THE P.A.T.A.—
and shows you a protected profit**

LOOK WHAT CHEMISTS SAY

Chemists are realising the fact that by devoting their window display to advertised goods they are sharing the goodwill of about £10,000,000 worth of advertising yearly. 'ASPRO' is perhaps the best demonstration of this principle that England has seen. 'ASPRO' spends £250,000 a year in advertising and is increasing its appropriation as sales grow.

The chemist who places the 'ASPRO' Window Display in his window gets the benefit of this advertising just the same as if his own name appeared in the advertisement. Demonstrated results are always better than statements, so we herewith give one from the many letters received from chemists who are featuring 'ASPRO' Window Displays. It tells its own story.

Messrs. Gollin & Co. Pty. Ltd.

Dear Sirs,—I have pleasure in enclosing for your inspection a photograph of 'ASPRO' display. This display has been entirely successful except winning a prize in the competition which is yet to be judged. Apart from that I am well pleased with the results. Taking into consideration that 'ASPRO' is extensively advertised and has become a household word with people, I think that when I state that the sales almost doubled themselves that this fact is worth recording. Over and over again they are being bought by those who have once taken them. This in short is eloquent testimony of their worth. That they do what you claim I have no doubt, and however critics may argue their composition 'ASPRO' remains pre-eminent, or, as I show in the window, "the best by every test." Faithfully yours—

P.S.—In fairness to 'ASPRO' I should state that 'ASPRO' customers are frequently customers for other goods (*verb. sap.*).

'ASPRO' consists of the purest Acetyl Salicylic Acid that has ever been known to medical science, and its claims are based on its superiority.

Agents: **GOLLIN & Co. Pty. Ltd. ('Aspro' Dept.), SLOUGH, Bucks.**

No proprietary right is claimed in the method of manufacture or the formula.

'Phone: Slough 608.



CURASOL

The Original

Boric Socks

FIXED SELLING PRICE 4½d. pair.

COST 3/- doz.

SIX DOZ. LOTS 34/6 per gross.

Distributing Agents:—

ENGLAND & WALES:—

SANGERS, 42a Hampstead Rd.,
London, N.W.1

SCOTLAND:—

MUNRO, McLAREN & SUTHERLAND
17 Cadogan St., Glasgow.

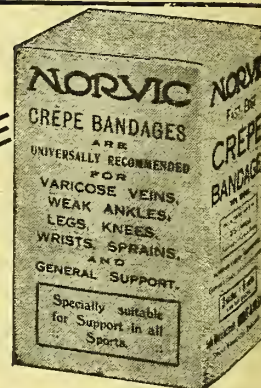
For Sample Pair (state size) send P.C. to

The Curasol Sock Co.

19-20 Garlick Hill, London, E.C.4

To show
them
is to sell
them

It will pay you
to make a special
display of



NORVIC

BLUE CARTON CREPE BANDAGE

	2"	2½"	3"	3½"	4"
Cost :	12/-	15/3	18/3	21/3	24/3
Sell for :	1/6	1/11	2/3	2/8	3/-

Discount for quantities:

3 dozen ...	2½%	6 dozen ...	5%
-------------	-----	-------------	----

Protected Prices—Assured Profits

Stocked by all the leading wholesalers

Attractive showcards supplied on request

Sole Manufacturers: Grout & Co., Ltd., 35 Wood St., London, E.C.1

Dr. SCHOLL'S ZINO PADS

For Corns, Bunions,
and Callouses.

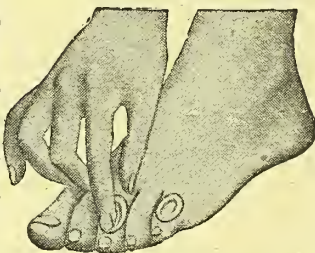
Being simple to apply, effectual
in use and heavily advertised,
they have secured the major
part of the enormous and
increasing demand for corn,
bunion and callous remedies.

Put one on—the
pain is gone.

Dr. Scholl's Zino Pads remove the cause, prevent all chafing and
rubbing, are self adhesive—require no strapping, are applied in three
seconds and do not come off even when bathing. Retail price per box 1/3.

Write for Illustrated Catalogue.

The SCHOLL MFG. CO. LTD., Granville Square, London, W.C.1



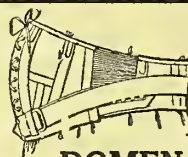
Specialists in the Manu-
facture of—

**HORSEHAIR FLESH
GLOVES,
BATH GLOVES &c.**

Wholesale and Export.

LAWRENCE & CO.

Islington Place, Cloudeley Road, London, N.1.



"DOMEN" BELTS

SINGLE BELT SUPPLIED.

All sizes in stock ready for delivery per
return. List and Terms on application.
Catalogues supplied free for distribution.

DOMEN BELTS CO. Ltd. 456 STRAND,
London, W.C.2

"STERAID" Regd. Dressings

Patent No. in Great Britain
221761/1924 and patented in all
the principal foreign countries.

Patent Rotating Canister packing to retain aseptic conditions. In use, only the
amount required is withdrawn and cut off. The remainder is not exposed.

GAUZES.

	Minimum Public Prices Each	Minimum Trade Prices Per Doz.		Minimum Public Prices Each	Minimum Trade Prices. Per Doz.
	6-yd. 3-yd. 1-yd.	6-yd. 3-yd. 1-yd.		6-yd. 3-yd. 1-yd.	6-yd. 3-yd. 1-yd.
Sal Alembroth	2/3 1/3½ -/8½	20/3 11/6 6/4	Plain Absorbent	2/- 1/2 -/8	18/- 10/6 6/-
Sublimate			Double Cyanide	2/6 1/5 -/9	22/6 12/9 6/9
Carbolic			Picric	3/- 1/8 -/10	27/- 15/- 7/6
Boric			Iodoform		

LINTS. PLAIN AND BORIC.

	Min. Public Prices	Min. Trade Prices
2 in. wide	1/3 each	11/3 doz.
4 "	1/3 "	15/9 "
6 "	2/3 "	20/3 "
Approx. 6 yds. Plain and 4 yds. Boric		

ROBERT BAILEY & SON LTD., Marriott Street Mills, STOCKPORT

Phone: Stockport 2794

London Office: SOUTHAMPTON ROW, W.C.1

Wires: "Undisputed, Stockport."

*First———50 years ago
Unequalled——To-day*

RENDELL'S SOLUBLE QUININE PESSARIES



Recommended by the Medical Profession.

Chemists in all parts of the country find that this preparation is selling better than ever because

The Public will not tolerate substitutes

Don't run the risk of disappointing a customer. Get a supply of "RENDELL'S" from your Wholesaler.

W. J. Rendell

Inventor and Sole Maker.

Interesting Literature can be obtained free upon request.

J. PILLISCHER
88, New Bond St., W.1.
The "International" Microscope
IMPROVED MODEL
2 Eye Pieces. $\frac{5}{8}$ & $\frac{1}{2}$ Object Glass.
Magnifying Power 50 to 420 diams.
In case with lock and key.
Sent free to any part of the World on remittance of
£14 : 6 : 0

"The Lancet" says:
"We can conscientiously recommend it to all who really want a useful instrument."

Enquiries invited for all other kinds of Microscopes, Optical and other scientific instruments.

15 GOLD MEDALS
16 GRAND PRIX



Reliance SEAMLESS MOULDED.

BATHING CAPS

"LUSTRE" TRANSPARENT
AND
JAZZ MARBLED FINISHES.



BEAUTIFUL MODELS.

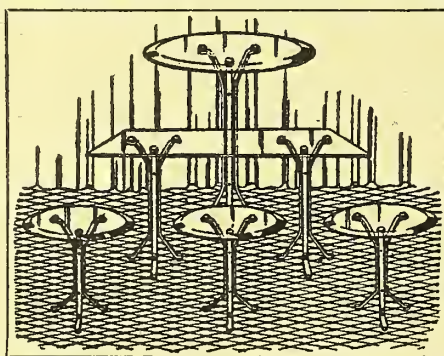
Retailing from . **2/3 to 4/6** each.

Write for List and Samples.

MADE in our LONDON FACTORY.

RELiance RUBBERWARE, Ltd.
Formosa Street & Amberley Road, Paddington, London, W.9
Telephone : Paddington 6886. Telegrams : "Doorstop. London."

J. C. KING'S "DEANSgate" DISPLAY SET



COMPRISING:—
Three Steel Tripods 9" high, three 12" x 9" Glass Ovals,
58" Bevelled and Polished Edges.
Two Steel Tripods, 12" high, one 30" x 10" Glass Oblong,
one long edge polished, three edges ground.
One Steel Tripod 18" high, one 18" x 12" Glass Oval,
58" Bevelled and Polished Edge.
IN BROWN BRONZE FINISH, Ref. No. M573, or
COPPER OXYDISED, Ref. No. M574.

£2 : 7 : 6 COMPLETE

Ref. No. M575 NICKEL PLATED FINISH £2 10 6
All Glass is $\frac{1}{4}$ " in thickness.

SEND FOR FULL ILLUSTRATED LIST No. 931.

J. C. KING, Ltd., Shopfitters to the Chemist Trade,
42-60 GOSWELL ROAD, LONDON, E.C.1
Telephones : Clerkewell 2317 (5 lines). Telegrams : Mainboom, London.

GARDINER'S OVERALLS

FOR

Chemists and Druggists

Jackets and Coats of very superior quality, made from the most reliable materials, smartly cut and thoroughly well finished in every detail.

WHITE DRILL JACKETS	...	...	6/11, 8/11, 10/8
KHAKI DRILL COATS	...	6/11, 8/11, 10/6, 12/6, 14/6	
WHITE DRILL COATS	...	9/6, 12/6, 13/6, 15/6	
BLACK DRILL COATS	...	...	15/6
UNBLEACHED COATS	...	...	8/6

STOCK SIZES : 34 to 44 chest measure over waistcoat. Special pockets and little adjustments can be made without extra charge. POSTAGE on single coat 9d., but 20/- orders upwards carriage paid. SPECIAL PRICES FOR LARGE QUANTITIES.

GARDINER

& CO. (The Scotch House), LTD.

1,3,5 COMMERCIAL RD., LONDON, E.1.

Telephone : Bishopsgate 6751

Established 1839

BRANCHES :

Deptford, Edgware Road, Woolwich,
Clapham Junction and Knightsbridge.



Perfectly
Perforated
Standard
Size
Roll
6d

Used by over
One Million
Persons

**SOFTEST
STRONGEST
SOLUBLE**



Sample Roll, prices and terms, from—

H. C. STERN

12 Farringdon Avenue, London, E.C.4

Telephone:
Central 3140.

Telegram: "Glastos, Lud, London."

Obtainable from all Wholesale Factors.

Best sellers
The public is asking
for **ZEAL**

**CLINICAL
THERMOMETERS**

because they are:-

**GUARANTEED TO
STAY ACCURATE**

**CONSISTENTLY
ADVERTISED**

Made by

ZEAL

—the name the
public knows.

G. H. ZEAL, LTD.,
75 & 77, St. John St., London, E.C.1.



**Advertising
Balloons**

A VERY EFFECTIVE
FORM OF ADVT.
SPECIAL DESIGNS
SUBMITTED.

**SQUEAKERS,
DYING BOARDS,
SWANS, BIRDS,
ELEPHANTS, &c.**

WHOLESALE & EXPORT
ENQUIRIES INVITED.
WE ARE ACTUAL MANUFACTURERS

JOSEPH HARRIS & COMPANY

RUBBER WORKS, BROADHEATH, ALTRINCHAM.

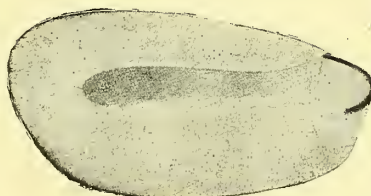
E. M. WALDEN Ltd.

Manufacturers of Surgical Instruments, &c.

**SURGICAL, VETERINARY & DENTAL INSTRUMENTS;
HOSPITAL FURNITURE; STERILISERS; SYRINGES;
SURGICAL GLASS & ENAMEL WARE; SURGICAL
DRESSINGS OF ALL DESCRIPTIONS; SUNDRIES.**

Wholesale & Export Only.

136 Borough High Street, London, S.E.1.



No. 785.

Telegrams: "Walden Hop 5645."
Phone: Hop 5645-6.

Let the appearance spell intrinsic value

The more attractive your goods the better they will sell, naturally. Let their appearance spell intrinsic value and reap the benefit of bigger sales and accordingly bigger profits.

The "Viskap" gives that final touch of attractive completeness to bottled goods that makes the package "pay its way," especially in medical and toilet products. The "Viskap" placed over the bottle-neck wet, dries with an elegant finish and assumes the shape of any particular cork, fancy stopper or sprinkler.

Make your bottles look better with

VISKAP

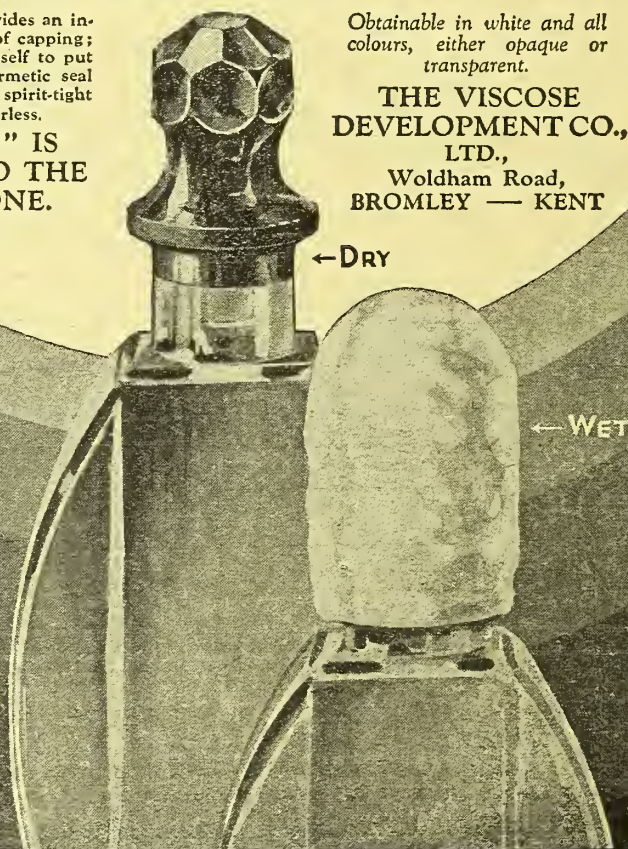
HERMETIC SELF-FIXING BOTTLE CAPS

The "Viskap" provides an inexpensive method of capping; it is simplicity in itself to put on, is a perfect hermetic seal that is grease-proof, spirit-tight and absolutely odourless.

"VISKAP" IS
BRITISH TO THE
BACKBONE.

Obtainable in white and all colours, either opaque or transparent.

THE VISCOSE
DEVELOPMENT CO.,
LTD.,
Woldham Road,
BROMLEY — KENT



'CAPS THE
LOT'

Service Boxmakers

A BOXMAKER is a manufacturer who makes boxes to order and nothing else; a Service boxmaker is a manufacturer—

who suggests novel and serviceable carton-shapes;

who has a fully-equipped studio where experts in label-design are employed for the benefit of customers and prospective customers;

who is able to turn out the very best printing and lithography;

who can give good advice on all questions relating to the packing of any and every class of goods;

who can give this Service at a reasonable price.

If you want help on your packing problems write to the Service boxmakers who know their business, and whose address is given below.

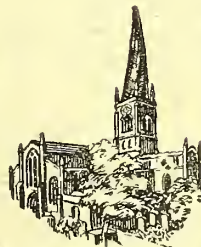


ROBINSON & SONS, Ltd.,
Wheat Bridge Mills,
CHESTERFIELD.

Robinson & Sons, Ltd.

Manufacturers of Round, Oval, Square,
and Folding Cardboard Boxes.

Chesterfield & London



ROBINSON & SONS, Ltd.,
168, Old Street,
LONDON, E.C.1.

TIME TO CONSIDER SPRING SALES

DR. WOOD'S HEALTH SALINE

Controlled Effervescence



In Two Sizes :

Per **5/6** Doz.

Retail **9^d.** Tin

Per **9/6** Doz.

Retail **1/3** Tin

The British Public know
this line and **WANT** it !

ARTHUR H. COX & CO. Ltd. *Manufacturing Chemists,* Brighton, Eng.

THE CHEMIST AND DRUGGIST SUPPLEMENT

42 CANNON ST.
LONDON E.C.4

MAY 12, 1928.

This Supplement is inserted in every copy of The Chemist & Druggist.

THE CHEMIST AND DRUGGIST SUPPLEMENT

REVISED ADVERTISEMENT TARIFF.

Businesses Wanted and for Disposal, Premises to Let, Goods for Sale, and Agencies—6/- for 50 words; every additional 10 words or less, 6d.

SITUATIONS OPEN—6/- for 40 words; every additional 10 words or less, 6d.

SITUATIONS WANTED—2/- for 18 words; every additional 10 words or less, 6d.

Legal Notices, Tenders, Auctions, and all specially-spaced announcements, 1/3 per nonpareil line (12 lines = 1 inch single column).

Miscellaneous (Wholesalers') Section for odd and second-hand lots—10/- for 60 words; 1/- for every additional 10 words or less.

EXCHANGE COLUMN (for Retailers, etc.)—Twopence per word, minimum 2/-.

BOX NUMBER.

In each case replies may be addressed to a registered number or nom-de-plume, c/o this Office, at a charge of 1/- extra for each advertisement.

PAYMENT.

All Advertisements are prepaid, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time.

THE CHEMIST AND DRUGGIST, 42 Cannon Street, LONDON, E.C.4.

Telephone: Central 3617 (3 lines).

Telegrams: "Chemicus, Cannon, London" (2 words).

CLOSING FOR PRESS.

MUST REACH US
NOT LATER THAN

FIRST POST

ALL ADVERTISEMENTS INTENDED FOR
INSERTION IN THIS SUPPLEMENT

THURSDAY MORNING.

CHEMISTS' TRANSFERS.

Messrs. Orridge & Co., 56 Ludgate Hill, E.C.

Telephone No.: CITY 2283.

May be consulted at their Offices on matters of Sale, Purchase and Valuation.

1.—PECKHAM (Main Road).—General Retail and Dispensing Business, with N.H.I. and Kodak Agency; returns, present rate, £20 weekly, under management; scope for increase under personal supervision; double-fronted lock-up shop, well fitted and stocked; rent 30s. weekly; held on lease; price about £400.

2.—LONDON, S.E.—Old-established General Retail and Dispensing Business, with Kodak Agency; returns approach £3,000 per annum; single-fronted shop, well fitted and stocked; rent £70 per annum; held on lease. Further details on application.

3.—NORWOOD.—Good-class Retail Business in residential district, with Post Office attached; returns average £1,400; gross profit 38 per cent.; single-fronted shop, well stocked; comfortable house; 21 years' lease; rent £46; price £1,050.

4.—LONDON, S.W. (Suburban).—Family Retail and Dispensing Business, with N.H.I.; returns approach £1,600 at good prices; rent £80; held on lease; good house, with garden and side entrance; terms, valuation of stock and fixtures and a sum for goodwill to be agreed, or a lump sum offer entertained.

5.—LONDON, N.W. (Distant Suburb).—Family Retail and Dispensing, Kodak Agency, etc.; returns £40 weekly; audited accounts; scope for considerable extension; very good living accommodation; garages; rent £70; held on lease; further details on application.

6.—TOOTING.—General Retail and Dispensing Business, with Kodak Agency; returns £1,100 per annum, plus N.H.I. (about £80 yearly); net profit £300; single-fronted shop; small house, with bathroom and garden; rent £43 per annum; price £800, or near offer.

7.—MANOR PARK.—General Retail Business, with Kodak Agency; returns £1,000 per annum, at usual prices; attractive double-fronted shop; estimated value of stock and fixtures, £500; very good house and garden; rent £1 weekly; held on

lease; in order to sell quickly no reasonable offer will be refused.

8.—ESSEX COAST.—Cash Retail and Photographic Business; returns last year exceeded £1,200; this year (with good season) should be materially increased; net profit roughly £350; estimated value of stock and fixtures £850; lock-up shop; flat optional; good position in main road; price £800.

9.—HOME COUNTY.—Old-established Country Retail and Dispensing Business, with Agricultural; returns last year £4,142; gross profit £1,326; large, lofty shop, very well fitted and stocked; rent £120; 21 years' lease; price £5,300.

10.—YORKS.—Cash Retail Business; returns last year £1,400; net profit £400; single-fronted shop; stock and fixtures estimated to be worth between £600 and £700; lock-up shop, or with flat if required; price £700, or valuation terms entertained.

11.—LINCS.—General Retail and Dispensing Business, with small Photographic; returns last year £2,061; net profit £600; single-fronted shop, fitted in mahogany and well stocked; estimated value of stock and fixtures £1,150; large house and long garden; rent £104; 21 years' lease; price £1,500.

12.—EAST COAST (Few Miles Inland).—Modern General Retail Business, with Kodak Agency; returns £30 weekly, with scope for Optical; double-fronted shop, fitted in oak and fully stocked; flat over pharmacy with bathroom; held on lease; price £1,100, or goodwill £250, plus valuation of stock and fixtures.

13.—SOUTH COAST.—Neglected Business, in main road of well-known town; returns £1,400, with scope to materially increase; handsomely fitted shop; two flats sub-let to show profit rental; 14 years' lease; further details on application.

14.—TUNBRIDGE WELLS (Near).—General Retail and Dispensing Business, with Kodak Agency; returns £1,450; net profit £560; audited accounts; scope for increase in Agricultural; double-fronted shop; house and small garden; moderate rent; further details on application.

Messrs. O. & Co. desire to emphasize the necessity of a periodical Statement of Account by which means alone Profit, the Value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted and eventually becomes confusion and loss.

Valuations for Stocktaking

Messrs. O. & Co. are prepared to undertake these essential duties and make Special Terms for such service.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.4

The Association of Manfg. Chemists, Ltd.

Business Agency, Transfer and Valuation Department

Head Offices—Kimberley House, Holborn Viaduct, London, E.C.1 (and at 2 Eixteth Street, Liverpool).

PARKIN S. BOOTH, Accountant and Valuer. Phone: City 1261-2-3

BUSINESSES FOR DISPOSAL

- 1.—**SUSSEX**.—For immediate disposal, old-established Business, in prominent position; double-fronted shop; held on lease, with 10 years to run; good living accommodation attached; price asked, lease and goodwill, £500; fixtures and fittings, £200; stock approx. £400. Further particulars on application. (154)
- 2.—**SHEFFIELD**.—Small Business for immediate disposal. Premises consist of two shops communicating; good windows; living room, scullery, two bedrooms and attic, held on monthly tenancy at £45 p.a.; returns approximately £15 p.w.; room for increase; price £350. (145)
- 3.—**BRIGHTON**.—Retail Dispensing Business; premises consist of single-fronted shop; 15 ft. frontage, with dispensary and large basement; held on lease 17 years at £52 p.a. inclusive; returns average £20 p.w.; can be increased. Full particulars on application. (147)
- 4.—**LONDON, S.W.**—Two small Businesses for immediate disposal; one in good position on main bus and tram route; premises held on lease, 16½ years to run; rental £2 7s. 9d. p.w. Takings approximately £765; can be increased under personal supervision. Further Business situated in thickly populated working-class district, with good possibilities for owner manager; premises held on lease, 16 years to run at rental of £60 p.a.; dwelling accommodation sub-let £65 p.a.; turnover approximately £1,090. Full particulars on application. (151)
- 5.—**LONDON, E.**—Drug and Photographic Business, for immediate disposal; on lease, 13 years to run, at rental of £120 p.a.; double-fronted shop, with good living accommodation attached; side and back entrance. Further particulars on application. (156)
- 6.—**LANCS.**—Old-established Chemist's Business, with Post Office attached; held on quarterly tenancy; lease might be obtained, or property purchased for £1,200; returns, £15 per week, all cash; rent, £78 p.a.; living accommodation; price asked, £750. Full particulars on application. (142)
- 7.—**NORTH-WEST DISTRICT**.—Family Retail Dispensing Business; double-fronted corner shop, with room at rear; flat with side entrance, consisting of three rooms; two garages; held on lease 12 years at £140 p.a.; flat let off at £103 p.a.; returns average £20 p.w.; can be increased. Full particulars on application. (146)
- 8.—**BLACKBURN**.—Drug Stores in main thoroughfare, on lease, 7 years to run, at £60 per year; returns, £18; large lock-up shop, with excellent window; stock about £250. Offers invited. (140)
- 9.—**DORSET**.—Old-established Family Retail Dispensing Business; returns £1,800 p.a., all cash; owner retiring; large shop, fitted mahogany; well stocked; good house attached (at present let at £110 p.a., lease expires October next); property for sale, with business open to offer. Further particulars on application. (153)
- 10.—**CAMBRIDGESHIRE**.—Old-established high-class Dispensing and Retail Business; held on advantageous lease; well fitted and large stock carried; returns approximately £3,000, at good profit; excellent living accommodation; every investigation invited. Full particulars on application.
- 11.—**LEEDS**.—Family Retail and Dispensing Business in thickly-populated working-class district; corner position; good opening for Chemist-Optician; dwelling accommodation attached; returns over £1,000; rent £52 per annum; price for quick sale £350. Full particulars on application. (155)
- 12.—**BERKS.**—Established Pharmacy; lease 6 years to run, with promise of renewal 14 or 21 years; rent £46 p.a.; large 7-roomed house attached; garden and garage. Further particulars on application. (157)
- 13.—**LONDON, S.W.**—For immediate disposal, Retail and Dispensing Chemist's Business, held on lease, 33 years to run at ground rent £4; conveniently fitted and stocked; turnover approximately £1,050 per annum; room for scope and increase under personal supervision. Full particulars on application.
- 14.—**CAMBRIDGE (Near)**.—Old-established Pharmacy, on lease 20 years at £50 p.a.; returns average £13 per week; double-fronted shop, with good dwelling accommodation. Further particulars on application. (131)
- 15.—**CHESHIRE**.—Retail Family Dispensing Business; single-fronted shop; good living accommodation; held on lease, five years, at £130 per annum; established 20 years; returns average £32 per week; full particulars on application.
- 16.—**LINCOLNSHIRE**.—General Retail Dispensing Business in market town, with excellent living accommodation; established over 60 years; nearest opposition 5 miles away; takings over last 3 years average £1,640; net profit, 25 per cent; stock about £350; rates very low; wine and spirit trade; Kodak Agency. Further particulars on application. (141)
- 17.—**LONDON, S.W.**—Very old-established Family Retail and Dispensing Business, occupying prominent corner position in busy thoroughfare; lock-up shop with storage accommodation; held on advantageous lease at £100 per annum; returns approximately £2,300 per annum; can be increased under personal management; full particulars on application. (148)
- 18.—**DONCASTER**.—For immediate disposal, Family Retail Dispensing Chemist's Business, with up-to-date, well-fitted Ladies' Hairdressing Saloon on first floor with all latest appliances; business well stocked; large store rooms; turnover approximately £3,500 p.a.; premises can be had on lease, 5 years at £350 p.a. Full particulars on application.

BERDOE & FISH

CHEMISTS' VALUERS, AND TRANSFER AGENTS,

41 Argyle Square, KING'S CROSS, W.C.1

(One minute from St. Pancras and King's Cross Stations.)

- 1.—**NORTH-EAST COAST**.—Very profitable sound Cash Business, showing steady increase; returns over £2,000; net profit £600; modern, handsomely-fitted shop; heavily stocked; good house, garden and garage; genuine reason for selling; price £1,500; strongly recommended.
- 2.—**HOME COUNTY**.—Good-class Light Family Retail in growing residential district; unopposed; returns £1,800; excellent profits; modern pharmacy and house; good stock; price £1,500.
- 3.—**SOUTH COAST**.—Good-class Retail, with Kodak Agency, showing steady increase; returns £1,900; commanding main road position; long lease; fully stocked; price £1,100.
- 4.—**TUNBRIDGE WELLS (Near)**.—Unopposed good Country Business; pleasantly situated; returns £1,450; hooks added; nice house; low rent; on lease; fully stocked; price £1,150.
- 5.—**LIVERPOOL**.—Good-class Light Retail, returning £872; plenty of scope; splendid house; lease granted at low rent; fully stocked; price £595.
- 6.—**EAST COAST**.—Unopposed Light Retail, with Kodak Agency; returns £1,750; net profit £455; well-fitted shop; convenient house, bathroom, and private entrance; price, including freehold, £1,600, or close offer.
- 7.—**WYE VALLEY**.—Sound, Light Cash Retail Business, in good market town; returns last year about £1,300, under manager; plenty of scope; excellent house and premises; low rent; price for quick sale £800, or valuation; worth attention.
- 8.—**WESTCLIFF-ON-SEA (Near)**.—Sound Light Retail, Dispensing and Photographic; returns about £1,850; good unopposed position; growing district; modern house and pharmacy; price £1,150, or valuation terms arranged.
- 9.—**LONDON, S.W.**—Cash Drug Stores, in busy main road; returns £860; plenty of scope; commanding double-fronted shop (lock-up); price £325, or offer.

STOCKTAKING VALUATIONS.

We have a few dates still open for May and June, and invite early applications for terms.

Established 1870.

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34 Marksbury Av., RICHMOND, SURREY. Tel. 2210.

JOHN BRIERLEY

Valuer, Transfer Agent and Expert Stocktaker.

135 QUEEN ST., NEWTON HEATH, MANCHESTER.

Blackpool, returns £1,750 yearly, good house. Price £1,000.

Liverpool, returns £850 yearly, good house. Price £550.

Shropshire, showing net profit £500 yearly. Price £1,150.

Valuations by fully qualified staff. (Tel.: Failsforth 113.)

PREMISES FOR SALE.

CHESHIRE (HOLMES CHAPEL).—Two Shops and two Cottages on the main road for Sale; freehold; £1,600, or near offer; fair living accommodation; important corner site suitable for Village Stores or Chemist (nearest 5 miles away). Full particulars of Wm. Houghton & Sons, Rexine House, 42 Newgate Street, E.C.1.

HOUSLOW.—Newly-erected Shops, with living accommodation attached, situate in populous neighbourhood; no opposition; price £1,500 each, freehold (£250 down); suit multiple firms. Full particulars of P. Chase Gardener & Co., 269 High Street, Houslow.

PREMISES TO LET.

HERNE BAY, KENT.—Excellent opening for Chemist or Photographer to cater for western development of this progressive coast resort; modern shop in prominent position, main street, with large room at rear, also self-contained flat above (rental value £85); all at only £125 per annum on lease; no premium. Apply Barret, c/o Mackrell & Co., 33, Walbrook, E.C.

BUSINESSES FOR DISPOSAL.

BARKING (ESSEX).—Splendid opening for a live man. General, Dispensing, Prescribing. Own specialities; photography; 10 years' lease to run (part let off); returns average about £600 a year; can easily be doubled; offers invited; ill-health makes immediate sale necessary. "D." 11 Axe Street.

BIRMINGHAM.—A splendid opportunity awaits a qualified person anxious to acquire a sound and up-to-date Business; at present carried on as Drug Store, but a unique position for a Chemist; nicely fitted shop and good living accommodation; expenses very low; turnover about £850, with ample scope for increase. Full details given on application. 98/37, Office of this Paper.

BLACKPOOL.—Chemist's Business, with Photographic Agency; old-established shop; excellent position; large turnover; substantial profits; shop well fixtured and stocked; £800. Ford & Rimington, 59 Wellington Road South, Stockport.

BRADFORD.—Well-established Business, good residential district, growing; turnover about £1,000; Kodak, Medicated Wines; comfortable modern house attached; price, about £750, consisting of stock at valuation, fixtures, etc. 101/4, Office of this Paper.

DEVONSHIRE.—Cash Retail Business for prompt Sale; returns £1,200; long lease; owner retiring. Full particulars, Evans, Gadd & Co., Ltd., Exeter.

DUNFERMLINE.—In consequence of the death of Mr. Robert Robertson, Chemist, Moodie Street, Dunfermline, the Business carried on by him is to be disposed of with immediate entry, along with the shop and dwelling-house above. Purchaser will take stock and shop fittings at valuation. Inspection at any time. Offers to be made to the subscribers by 22nd inst. —Stenhouse, Husband & Reid, Solicitors, Dunfermline.

EDINBURGH.—Established Chemist, Optical and Kodak Business; Private, N.H.I. and Parish Dispensing; well stocked and fitted (includes £70 Remington Cash Register); densely populated area; good family trade; tourist centre; books audited by C.A.; £20 rent; best offer for quick sale. 97/24, Office of this Paper.

ESSEX (near coast).—Established 7 years; progressive Business, in rapidly developing country district; lock-up; on lease, 12 years to run, at £70 inclusive; £80 last 7 years; returns over £2,000; Kodak Agency, with good season trade D. & P.; N.H.I. 300; prescribing and own specialities a pronounced feature; daily delivery London; good house (1 minute business), large garden and orchard, optional to purchaser; stock and fixtures, £500; price £1,100. 100/20, Office of this Paper.

GLOUCESTER.—Cash Retail and Dispensing, N.H.I.; main road; corner shop; good house attached, with garden; electric light throughout; present hands over 19 years; good profits; rapidly growing district; owner giving up in August; a sound offer; rent £64; price £700, or near offer. 98/38, Office of this Paper.

LANCs.—Old-established Pharmacy, busy main road, Manchester, commanding corner position, good shopping area; double-fronted, modern fitted mahogany and plate glass, 2 large windows; Kodak Agency; splendid opening B.O.A. man; good N.H.I.; over 50 years established; turnover £2,500; several widely known specialities, two registered; well stocked; accounts audited; full particulars to genuine buyers; £3,500 for business and premises. 82/37, Office of this Paper.

LIVERPOOL.—Old-established Chemist's Business, with Post Office on premises; main road corner position; good living accommodation; electric light; takings £750, under management; rent £78; net profit £350; good reason for disposal; price £700. 100/30, Office of this Paper.

LONDON, S.E. (main road).—Cash Retail Chemist for Sale; only started a few months; average takings over £100 per month, increasing, under management; lease; rent £100 per annum; price all at £650; part may be arranged to remain; special reasons for selling. 99/4, Office of this Paper.

LONDON, S.W.—Good old-established Business for disposal immediately; average turnover for past 3 years over £2,000; shop with good living accommodation over, with separate side and back entrances; goodwill £1,050; stock £500; fixtures and fittings £300; lease 7, 14 or 21 years at £150 per annum, or leasehold 53 years; ground rent £15 per annum; may be purchased for £1,550. Apply 101/27, Office of this Paper.

LONDON, E.—Corner Pharmacy; lock-up; nicely fitted and stocked; returns £900, in addition to £16 monthly N.H.I.; excellent chance for young man; low rent and rates; valuation only, about £600; accident to vendor causes sale; genuine inquiries only desired.—J. W. Douglas, Ltd., 164, Lambeth Walk, S.E.

LONDON, S.W.—For immediate disposal, sound Business in good position; densely populated district; returns £1,100; gross profit, 40 per cent., with very low overhead charges; increasing Photographic connection, with Kodak Agency; long lease; living accommodation; price £650. 100/36, Office of this Paper.

MANCHESTER.—Good old-established Business on busy main road, corner position; double-fronted; well fitted and stocked; Kodak Agency, good N.H.I.; excellent house; receipts last audit nearly £3,000; £1,750 required; good lease, or sell premises; genuine buyers only, with banker's reference. 101/28, Office of this Paper.

MANCHESTER.—Chemist Business in densely populated district; numerous surgeries close by; turnover at present over £1,000; Kodak Agency; living accommodation; electric light; stock, goodwill and fixtures, with freehold property, nearest offer to £1,000; about £400 down, remainder can remain mortgage; must sell; death cause. 101/8, Office of this Paper.

MERSEYSIDE.—Good-class Business for disposal; Dispensing and Photography; excellent house; turnover last year £868, and scope for increase; stock and fixtures approx. £470; moderate price accepted for quick sale. Apply 101/31, Office of this Paper.

N.E. COAST (industrial town).—Genuine Business; good house; reasonable rent; 1927 turnover £907; active Counter and Panel; valuation terms only; would do well as Drug Store under progressive proprietor; good opening for Oils, Colours and Paints, also Photography; sound reasons for disposal; special facilities for quick sale. 100/35, Office of this Paper.

NEAR MANCHESTER.—Unopposed Shop in thickly populated district; returns £700; N.H.I.; Kodak Agency; large increase possible; price £500. Also old-established Business, living accommodation, in shopping district; turnover £1,550; N.H.I.; Kodak Agency; good opportunity for Optics; rent £32 10s.; good stock; scope for increased trade. Price £950. 101/7, Office of this Paper.

NEAR STRATFORD-ON-AVON.—Good position; growing; returns £17 weekly; low rent; lease; living accommodation if required or lock-up; Family Dispensing, Kodak and Veterinary; increasing Optical connection; accept £500 quick sale. 100/34, Office of this Paper.

NELSON.—Old-established Business for Sale, with valuable Wine Licence; Private and N.H.I. Dispensing; rates and taxes £52 per annum; price asked, £1,000 for building, £300 for business; alternatively would consider lease. For further particulars apply F. O. S. Leak & Co., Solicitors, 6 John Dalton Street, Manchester.

SOUTH COAST (HANTS).—Good-class Pharmacy in main road; Kodak Agency; very low expenses; turnover increasing rapidly; now £30; recently established; 1½ years' lease; lock-up shop; valuation terms; owner wants business in London. 101/15, Office of this Paper.

SOUTH STAFFS. (populous district).—Profitable General Retail, Dispensing and Photographic Business; returns over last 3 years average £16 16s. per week; rent and rates £66 per annum, and include very good house and garage; capable of increasing to £20-£25 per week on general trade conditions improving; splendid opportunity for young married couple; price £400; satisfactory reasons for disposal. 97/27, Office of this Paper.

SOUTH YORKS.—Branch Business; returns £650, under management; well fitted and stocked; lock-up shop; low rental; main road; Kodak Agency; genuine; progressive; suit new beginner; satisfactory reasons for disposal; price £350. 100/6, Office of this Paper.

W.R. YORKS.—Good, sound Business for Sale in busy thickly populated industrial district, with very little competition, doing from £26 to £30 per week and fair amount of N.H.I.; established 25 years; fine opening for Optician; nearest two miles away; population 10,000; large premises; rent £65, or could purchase from vendor; stock, fixtures, goodwill, all £900, approximately. "Alkalina," 95/35, Office of this Paper.

YORKSHIRE (EAST RIDING).—For Sale, in healthy locality, prosperous Chemist and Druggist Business in busy street; good-class Family, Photographic; Kodak Agency; Wine and Spirit Off Licence attached; double-fronted shop; receipts for year ending March last, £2,350; population nearly 4,000. For further particulars apply to John Estill, Solicitor, Malton, Yorks.

YORKSHIRE.—Excellent Business in pleasant residential district; Kodak Agency, N.H.I.; established 40 years; turnover until recent years £1,600, and capable of substantial increase; present proprietor lost trade by unsuitable management only; excellent for lady or gentleman accustomed to good-class trade; no opposition near; price for quick sale £850 (or best offer); genuine inquiries and inspection invited. Heath Pharmacy, Savile Park, Halifax.

A BARGAIN.—A good middle-class Chemist's Business for Sale in the Midlands; returns last year exceeded £2,000; Kodak and Ucal Agencies; Medicated Wine Licence; good living accommodation; books kept; well stocked; price £1,225. 101/9, Office of this Paper.

A SOUND, progressive Dispensing and Photographic Business in the West Riding of Yorkshire is offered for immediate disposal; good opening for Optics; established nearly 50 years; 25 years with late proprietor; Agencies, Rexall, Kodak; turnover just short of £2,000 and good profits; excellent D. & P. connection and good local Proprietaries; price £600, and stock at valuation. 100/10, Office of this Paper.

CHEMIST, having been indisposed for past two years, and has recently purchased a high-class Business, finds it too difficult in his present state to carry on, is compelled to sell; lock-up shop; lease granted; lovely district; suit smart, single man; price about £2,100; particulars on banker's reference only. "Chest," 99/20, Office of this Paper.

The Association of Manfg. Chemists, Ltd.

Business Agency, Transfer and Valuation Department

Head Offices—Kimberley House, Holborn Viaduct, London, E.C.1 (and at 2 Bixeth Street, Liverpool).

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BRADFORD.—Well-established Business, good residential district, growing; turnover about £1,000; Kodak, Medicated Wines; comfortable modern house attached; price, about £750, consisting of stock at valuation, fixtures, etc. 101/4, Office of this Paper.

DEVONSHIRE.—Cash Retail Business for prompt Sale; returns £1,200; long lease; owner retiring. Full particulars, Evans, Gadd & Co., Ltd., Exeter.

DUNFERMLINE.—In consequence of the death of Mr. Robert Robertson, Chemist, Moodie Street, Dunfermline, the Business carried on by him is to be disposed of with immediate entry, along with the shop and dwelling-house above. Purchaser will take stock and shop fittings at valuation. Inspection at any time. Offers to be made to the subscribers by 22nd inst. —Stenhouse, Husband & Reid, Solicitors, Dunfermline.

EDINBURGH.—Established Chemist, Optical and Kodak Business; Private, N.H.I. and Parish Dispensing; well stocked and fitted (includes £70 Remington Cash Register); densely populated area; good family trade; tourist centre; books audited by C.A.; £20 rent; best offer for quick sale. 97/24, Office of this Paper.

ESSEX (near coast).—Established 7 years; progressive Business, in rapidly developing country district; lock-up; on lease, 12 years to run, at £70 inclusive; £80 last 7 years; returns over £2,000; Kodak Agency, with good season trade D. & P.; N.H.I. 300; prescribing and own specialties a pronounced feature; daily delivery London; good house (1 minute business), large garden and orchard, optional to purchaser; stock and fixtures, £500; price £1,100. 100/20, Office of this Paper.

GLOUCESTER.—Cash Retail and Dispensing, N.H.I.; main road; corner shop; good house attached, with garden; electric light throughout; present hands over 19 years; good profits; rapidly growing district; owner giving up in August; a sound offer; rent £64; price £700, or near offer. 98/38, Office of this Paper.

LANCS.—Old-established Pharmacy, busy main road, Manchester, commanding corner position, good shopping area; double-fronted, modern fitted mahogany and plate glass, 2 large windows; Kodak Agency; splendid opening B.O.A. man; good N.H.I.; over 50 years established; turnover £2,500; several widely known specialties, two registered; well stocked; accounts audited; full particulars to genuine buyers; £3,500 for business and premises. 82/37, Office of this Paper.

LIVERPOOL.—Old-established Chemist's Business, with Post Office on premises; main road corner position; good living accommodation; electric light; takings £750, under management; rent £78; net profit £350; good reason for disposal; price £700. 100/30, Office of this Paper.

LONDON, S.E. (main road).—Cash Retail Chemist for Sale; only started a few months; average takings over £100 per month, increasing, under management; lease; rent £100 per annum; price all at £650; part may be arranged to remain; special reasons for selling. 99/4, Office of this Paper.

LONDON, S.W.—Good old-established Business for disposal immediately; average turnover for past 3 years over £2,000; shop with good living accommodation over, with separate side and back entrances; goodwill £1,050; stock £500; fixtures and fittings £300; lease 7, 14 or 21 years at £150 per annum, or leasehold 53 years; ground rent £15 per annum; may be purchased for £1,550. Apply 101/27, Office of this Paper.

LONDON, E.—Corner Pharmacy; lock-up; nicely fitted and stocked; returns £900, in addition to £16 monthly N.H.I.; excellent chance for young man; low rent and rates; valuation only, about £600; accident to vendor causes sale; genuine inquiries only desired.—J. W. Douglas, Ltd., 164, Lambeth Walk, S.E.

LONDON, S.W.—For immediate disposal, sound Business in good position; densely populated district; returns £1,100; gross profit, 40 per cent., with very low overhead charges; increasing Photographic connection, with Kodak Agency; long lease; living accommodation; price £650. 100/36, Office of this Paper.

MANCHESTER.—Good old-established Business on busy main road, corner position; double-fronted; well fitted and stocked; Kodak Agency, good N.H.I.; excellent house; receipts last audit nearly £3,000; £1,750 required; good lease, or sell premises; genuine buyers only, with banker's reference. 101/28, Office of this Paper.

MANCHESTER.—Chemist Business in densely populated district; numerous surgeries close by; turnover at present over £1,000; Kodak Agency; living accommodation; electric light; stock, goodwill and fixtures, with freehold property, nearest offer to £1,000; about £400 down, remainder can remain mortgage; must sell; death cause. 101/8, Office of this Paper.

MERSEYSIDE.—Good-class Business for disposal; Dispensing and Photography; excellent house; turnover last year £868, and scope for increase; stock and fixtures approx. £470; moderate price accepted for quick sale. Apply 101/31, Office of this Paper.

N.E. COAST (industrial town).—Genuine Business; good house; reasonable rent; 1927 turnover £907; active Counter and Panel; valuation terms only; would do well as Drug Store under progressive proprietor; good opening for Oils, Colours and Paints, also Photography; sound reasons for disposal; special facilities for quick sale. 100/33, Office of this Paper.

NEAR MANCHESTER.—Unopposed Shop in thickly populated district; returns £700; N.H.I.; Kodak Agency; large increase possible; price £500. Also old-established Business, living accommodation, in shopping district; turnover £1,550; N.H.I.; Kodak Agency; good opportunity for Optics; rent £32 10s.; good stock; scope for increased trade. Price £950. 101/7, Office of this Paper.

NEAR STRATFORD-ON-AVON.—Good position; growing; returns £17 weekly; low rent; lease; living accommodation if required or lock-up; Family Dispensing, Kodak and Veterinary; increasing Optical connection; accept £500 quick sale. 100/34, Office of this Paper.

NELSON.—Old-established Business for Sale, with valuable Wine Licence; Private and N.H.I. Dispensing; rates and taxes £52 per annum; price asked, £1,000 for building, £300 for business; alternatively would consider lease. For further particulars apply F. O. S. Leak & Co., Solicitors, 6 John Dalton Street, Manchester.

SOUTH COAST (HANTS).—Good-class Pharmacy in main road; Kodak Agency; very low expenses; turnover increasing rapidly; now £30; recently established; 13½ years' lease; lock-up shop; valuation terms; owner wants business in London. 101/13, Office of this Paper.

SOUTH STAFFS. (populous district).—Profitable General Retail, Dispensing and Photographic Business; returns over last 3 years average £16 16s. per week; rent and rates £66 per annum, and include very good house and garage; capable of increasing to £20-£25 per week on general trade conditions improving; splendid opportunity for young married-couple; price £400; satisfactory reasons for disposal. 97/27, Office of this Paper.

SOUTH YORKS.—Branch Business; returns £650, under management; well fitted and stocked; lock-up shop; low rental; main road; Kodak Agency; genuine; progressive; suit new beginner; satisfactory reasons for disposal; price £350. 100/6, Office of this Paper.

W.R. YORKS.—Good, sound Business for Sale in busy thickly populated industrial district, with very little competition, doing from £25 to £30 per week and fair amount of N.H.I.; established 25 years; fine opening for Optician; nearest two miles away; population 10,000; large premises; rent £65, or could purchase from vendor; stock, fixtures, goodwill, all £900, approximately. "Alkalina," 95/35, Office of this Paper.

YORKSHIRE (EAST RIDING).—For Sale, in healthy locality, prosperous Chemist and Druggist Business in busy street; good-class Family, Photographic; Kodak Agency; Wine and Spirit Off Licence attached; double-fronted shop; receipts for year ending March last, £2,350; population nearly 4,000. For further particulars apply to John Estill, Solicitor, Malton, Yorks.

YORKSHIRE.—Excellent Business in pleasant residential district; Kodak Agency, N.H.I.; established 40 years; turnover until recent years £1,600, and capable of substantial increase; present proprietor lost trade by unsuitable management only; excellent for lady or gentleman accustomed to good-class trade; no opposition near; price for quick sale £850 (or best offer); genuine inquiries and inspection invited. Heath Pharmacy, Savile Park, Halifax.

A BARGAIN.—A good middle-class Chemist's Business for Sale in the Midlands; returns last year exceeded £2,000; Kodak and Ucal Agencies; Medicated Wine Licence; good living accommodation; books kept; well stocked; price £1,225. 101/9, Office of this Paper.

A SOUND, progressive Dispensing and Photographic Business in the West Riding of Yorkshire is offered for immediate disposal; good opening for Optics; established nearly 50 years; 25 years with late proprietor; Agencies, Rexall, Kodak; turnover just short of £2,000 and good profits; excellent D. & P. connection and good local Proprietaries; price £600, and stock at valuation. 100/10, Office of this Paper.

CHEMIST, having been indisposed for past two years, and has recently purchased a high-class Business, finds it too difficult in his present state to carry on, is compelled to sell; lock-up shop; lease granted; lovely district; suit smart, single man; price about £2,100; particulars on banker's reference only. "Chest," 99/20, Office of this Paper.

EXCELLENT OFFER.—Suit beginner or Chemist requiring an easily worked Business; Optical, Kodak Agency, and some Panel; turnover about £1,750; accounts audited; rent £45; on long lease; good house accommodation, 5 bedrooms, 2 reception, bathroom, etc., outside w.c. for staff; every opportunity given for full investigation; price for same fixtures and goodwill £1,000; will accept £350 down and remainder in instalments; stock about £750/800; hanker's or solicitor's reference required; no other inquiry answered; letters only. Mr. Mansbridge, 647 London Road, Westcliff-on-Sea.

FOR Quick Sale, to Chemists only, Drug Store; central position; large market town, near London; recently opened; lock-up; lease; Kodak Agency; beautiful fittings; well stocked; takings already £17 per week; chemist will take over £40; price £400; genuine reason for sale. 99/28, Office of this Paper.

GENUINE opportunity in South Glam., Retail and Dispensing Business, with Optics, Wine Licence and Kodak Agency; entirely unopposed in town of 5,000; average turnover during last three years £1,550; domestic reasons for disposal; price £950; easy purchase arranged if necessary. Full investigation to bona-fide buyers. 99/3, Office of this Paper.

HENRY METZLER & CO., 98 Minorities, E.—Owing to death of proprietor, the above old-established Retail and Shipping Business is for disposal, with immediate possession, and offers are invited. Further particulars and orders to view can be obtained from the sole agents, Berdoo & Fish, Chemists' Valuers and Transfer Agents, 41 Argyle Square, King's Cross, W.C.1.

LIGHT Retail and Dispensing Business, Manchester district; Kodak, Ucal, etc.; lock-up shop; prominent position; easy price for quick purchase; lease several years to run and renewable. Replies to 125/380, Office of this Paper.

MODERN Freehold Shop and Premises with sub-Post Office attached; remuneration £220 per annum; possesses an excellent opportunity for Chemist, such being much required; no opposition; nice class locality, London suburb; splendid living accommodation; price £1,700; half purchase price can remain. Christopher, 163 Edgware Road, London, W.2.

£300 FOR immediate disposal, vendor has other interests, nicely fitted shop; stock at valuation; growing district; Kodak Agency; good house and garden; suit beginner or elderly. Further particulars, "A. E. C.," 125/384, Office of this Paper.

£350 FOR quick sale; Bristol; small Branch Business in rapidly growing suburb; working-class district; scope for big increase; returns £800; rent and rates £86; snh-let £60; genuine reason for disposal; no agents. Apply 98/35, Office of this Paper.

BUSINESSES WANTED.

BUSINESS required in Liverpool district or suburbs of London; turnover not less than £2,000; must be in main thoroughfare and have good living accommodation; Kodak and Rexall Agencies preferred; all replies treated confidentially. 125/381, Office of this Paper.

MESSRS. BERDOO & FISH require several sound Businesses in London and the Home Counties, with turnover of £40 a week and upwards; cash buyers waiting; sales negotiated quickly and with the utmost privacy; correspondence cordially invited. Transfer Offices: 41 Argyle Square, King's Cross, W.C.1.

WANTED, genuine Family Retail and Dispensing Business, with Photographic and Wine Licence, in Southern County market town; Sussex preferred; returns £2,500 to £3,000; good living accommodation essential; must bear every investigation; bankers' references given. Full particulars (in confidence) to "Pharmacist," 7 Holmote Gardens, Highbury New Park, N.5.

AGENCIES.

ITALY.—Swiss-Italian firm, with good connection all over Italy, is open to represent first-class firms Manufacturing Pharmaceutical Chemicals and Specialities; best references. Write direct to G. B. Panzera, 20 Via Ansonio, Milan.

AGENT WANTED

for Medicinal Herbs of all sorts; speciality, Herb Drosera Rotundifolia Schwarzwälder, genuine Lung, Stomach and Blood Cleansing Tea in packets, Pine-ozone Bach Tablets and Conifer Oil, Schwarzwald make. Bäuerle, Chem. Fabrik, Tannstr. 27, Frankfurt a. M., Germany.

AGENTS, calling on Chemists, required for the sale of Patented Pile Appliance and Registered Ointment; liberal commission. Apply The Donovan Surgical Co., Ltd., "Teviot," Longbridge Road, Barking, Essex.

AGENTS wanted in London on commission basis, calling on Retail Chemists, Tobacconists and Hairdressers, to carry novelty lines; liberal commission. Apply 100/16, Office of this Paper.

SALE BY AUCTION.

Re Perren. By Order of the Trustee. Removed from Pinner and elsewhere for convenience of sale.

5 LITTLE BRITAIN (close to G.P.O.), LONDON, E.C. The almost new CHEMISTS' SHOP FIXTURES and SHOWCASES, including Drug Runs of handsome design in both oak and mahogany, Wall Showcases with nests of drawers under, glass-fronted Counters, how-fronted Counter Cases, Silent Sales men, Dispensing Screens, Mirrors, Cash Desks and Tills, Glass Shelves, etc.

B. NORMAN & SON

will Sell by Auction at their Sale Rooms as above, Wednesday Next, at 12 o'clock.

On View day prior. Catalogues on application.

PATENT FOR DISPOSAL.

THE Proprietor of British Patent No. 178,735, dated May 9, 1921, relating to "Tooth Brush," is desirous of entering into arrangements by way of a Licence or otherwise on reasonable terms for the purpose of exploiting the above patent and ensuring its practical working in Great Britain. All inquiries to be addressed to B. Singer, Steger Building, Chicago, Illinois.

APPRENTICE WANTED.

APPRENTICE wanted for Dispensing and Retail; passed Preliminary preferred. D. Vahrman, Ltd., 76 Brick Lane, E.1.

SITUATIONS OPEN.

RETAIL.

[HOME.]

BATH.—Required for June 4th, qualified, gentlemanly Assistant; accustomed to high-class business, and must be fully competent, and accurate Dispenser. Apply, with full particulars, stating salary required, to E. Williams, Chemist, 25 Wellsway, Bath.

BERKSHIRE.—Lady Assistant (unqualified) required for good-class Light Retail business; applicants must have had good Counter experience. State age, experience, salary required and when at liberty. 98/24, Office of this Paper.

BIRMINGHAM.—Exceptional opening for a smart qualified Manager; must be up to date and alive to the needs of a passing trade; good salary and commission to the right man. "B.," 98/242, Office of this Paper.

CARDIFF.—Qualified Assistant wanted, well educated, for good-class trade; capable Dispenser and Counter-hand and well up in Photographic trade. Applicants will please give full particulars in first letter, with photo and two last references. Frank Edwards, 192 Cowbridge Road, Cardiff.

COVENTRY.—Qualified, and unqualified Assistant, wanted for good-class business, Dispensing, Photographic and Optical. Give full particulars in first letter as to experience, age, height, and salary required, when disengaged, send photo, and copy of recent references, with stamped, addressed envelope for return. Parker, 32 Hertford Street.

CHELMSFORD.—Assistant, unqualified, wanted for good-class business; age between 27-38; one seeking a permanency. Apply, giving full particulars of experience, age, references, salary required, and photo (if possible), to T. Bellamy, Pharmaceutical Chemist, Tindal Square, Chelmsford.

GREAT YARMOUTH.—Wanted, in June, good Junior Assistant (male); outdoors; no N.H.I. or Sunday work; knowledge of Photography. State age, height, salary and references. W. S. Poll & Son, Pharmacists, 41 Regent Road, Great Yarmouth.

HEREFORD.—Unqualified Assistant; Counter, Light Dispensing. Please give full particulars of experience, age, etc. Lewis Smith, Chemist, Hereford.

KENDALLS, Chemist, York, require a smart lady Counter-hand; must be energetic, experienced Window and Case Dresser; knowledge of Cameras, Photographics (no D.P. work). Write fully, photo.

KENT.—Lady Assistant (Minor qualification) required; must have had good Counter and Dispensing experience; permanency if satisfactory. State age, experience, and salary required. "Kent," 98/241, Office of this Paper.

LANDUDNO.—Young male Assistant; unmarried; must be experienced Dispenser, good Counterman, and have some knowledge of Photography. Apply, with full particulars and salary required, to Mercer, Pharmaceutical Chemist, Llandudno.

LONDON, S.E.—Qualified lady Assistant wanted for quick Cash Retail; no Sunday or holiday duty; close 1 o'clock Thursdays. State age, salary required, and full experience. Brooks, 509 New Cross Road, S.E.14.

LONDON.—Qualified Manager, married, required for Light Retail, Dispensing and Photographic business; good opportunity for a really smart, energetic man wishing to make progress. 98/240, Office of this Paper.

LONDON, W.C.1.—Qualified Assistant Manager wanted, with first-class Counter and Dispensing experience; must be over years of age. A. Maitland & Co., 8, Torrington Place, Gordon Square, W.C.1.

LONDON, W.—Qualified Junior Assistant (male) required 29th inst.; age about 23; must be capable Dispenser and under-hand. State particulars of experience, age, height, and salary required to J. F. Harrington, 15 Kensington High Street, W.8.

LONDON, S.W.—Qualified Manager required for Working-class Retail, N.H.I. and Kodak branch business; good window-dresser, etc., essential. Apply, stating age, experience, references, salary required, to 100/35, Office of this Paper.

LONDON (between City and Epping Forest).—Lady Pharmacist (Minor qualification) for Retail, mostly Dispensing; ladies on staff; fortnight's holiday within five months. 1/300, Office of this Paper.

LONDON SUBURB.—Unqualified Assistant for good-class business; smart appearance and good address; competent salesman and accurate Dispenser essential; state experience and salary required; fortnight's holiday before end of next month. 99/30, Office of this Paper.

MANCHESTER, S.W.—Assistant for Light Retail, Dispensing and Photographic. State age, experience, qualification (if any), references, and salary required in first letter. Applications answered in five days respectfully declined. 98/36, Office of this Paper.

MANCHESTER.—Qualified, for a Branch; permanency for right man; state whether married or single; state salary and commission preferred. Apply by letter to "Pharmacist," Parkside Avenue, Broughton, Manchester.

MIDLANDS.—Qualified Assistant required for Dispensing, Agricultural and Photographic business. Send particulars of experience, photograph, age, and salary required to 98/16, Office of this Paper.

NEFFIELD.—Assistant, age about 25 (outdoors), Light Counter, brisk Dispensing, Photographic business, for 4. Please give particulars, age, height, experience, salary required, and photo (if possible) to 98/12, Office of this Paper.

NOTTINGHAM.—Thompson & Capper, Ltd., require a Locum for their Southport branch from about May 21 for a period of four or five months. Please apply, giving full particulars enclosing photograph, to Thompson & Capper, Ltd., Manesty Buildings, College Lane, Liverpool.

NOTTINGHAM.—Qualified man wanted, age about 26, for Retail and N.H.I. Dispensing; good Counterman; permanency to suitable man. State salary required, and give full particulars with references and photo, to Irving, Chemist, Skipthorpe, Notts.

NOTTINGHAM.—CAPABLE, qualified Assistant for a high-class business; permanency offered to a suitable man. Please state age, height, experience, salary required, when disengaged in first letter. Any application not answered in three days respectfully declined. R. J. Atkinson, 1 Victoria Parade, Torquay.

NOTTINGHAM.—ASSISTANT, qualified, at once; age about 25; must be quick and accurate Dispenser, good Counterman and Salesman; knowledge of Photographics; Window-dresser. Please state full particulars in first letter. C. J. Roe, Chemist, Epsom.

NOTTINGHAM.—ASSISTANT wanted (male); must have Part I or good Dispensing experience. Write to or apply at Bowen, 37, Golder Road, North Kensington, London, W.10.

NOTTINGHAM.—CAPABLE Junior Assistant (male) wanted at once for good-class Retail and Dispensing business (no N.H.I.); outdoors. Apply, with full particulars, to A. H. Price, Pharmaceutical Chemist, 2 Guildford Road, Woking, Surrey.

NOTTINGHAM.—DOOPER, SON & CO., LTD., require a qualified Assistant (male) with good Dispensing and Counter experience. Apply by letter, giving full particulars and salary required, to J. B. C., 80 Gloucester Road, South Kensington, S.W.7.

NOTTINGHAM.—EVENINGS, Bayswater; Assistant for four evenings per week, 7-10.30, and alternate Sundays, 11-1 and 6-9; West-End experience preferred; qualification not essential; good appearance. State age, references, etc., to BM/VCLL, London, W.C.1.

NOTTINGHAM.—BROOKS, LTD., require the services of an experienced Assistant Stock-keeper in their Drug Department. Apply orally before 11 a.m. to Staff Manager, 44 Hane Crescent, Nottingham.

NOTTINGHAM.—JUNIOR Assistant wanted at once; must be a quick and accurate Dispenser. Apply, with full particulars, age, experience and salary expected, to J. J. Pickering, Wood's Pharmacy, Windsor.

NOTTINGHAM.—CUM (Minor), lady, required, July 31-August 31; resident, board and laundry allowed; inclusive fee for period 10s. Apply to Secretary, Gravesend and North Kent Hospital, Gravesend.

NOTTINGHAM.—CUM, unqualified, required for five weeks, commencing June 8; must be experienced Dispenser. Particulars to 1, 260 Upper Street, Islington, N.1.

NOTTINGHAM.—NAGER (qualified) for branch; N.H.I. Dispensing, Photography; working-class district; permanency to suitable man (lady not objected to). Apply, with full particulars as to experience, salary required, to "London, N.1," 101/14, Office of this Paper.

PART-TIME qualified Assistant as Superintendent, for evenings only; light duties; either sex. "Dec," 329 Essex Road, N.1.

PHOTOGRAPHIC.—Experienced Gaslight Printers for amateur D. & P. work required for summer season; also capable man as Tank Developer and competent to make all stock solutions; no Sunday work. Kindly state age, previous experience, wages required, and when disengaged to D. T. Evans, Ltd., Photographic Chemists, 1 High Street, Margate.

QUALIFIED Manager wanted soon for good-class Dispensing business, with Optical department; must have J.C.Q.O. qualification and experience of good-class Counter trade and Kodak sales; undeniable references essential. Give usual particulars in first letter, with photo if possible. 92/37, Office of this Paper.

QUALIFIED Assistant, male, age about 30, with first-class Retail and Dispensing experience. Apply, with full particulars, experience, age, married or single, salary required, and when free, to Brady & Martin, Ltd., 29 Mosley Street, Newcastle-on-Tyne.

QUALIFIED Manager (single) required immediately; excellent opportunity for smart and ambitious man. Give full particulars in first letter, stating age, salary, and when at liberty. 98/243, Office of this Paper.

QUALIFIED Assistant, age 27 to 40, for good-class General business and N.H.I.; state age, whether married, experience, salary and references; no Sunday duty during summer, 1 in 3 in winter. Hill & Co. (Chemists), Ltd., Warrington.

REQUIRED for season till end of September, competent Assistant (male), unqualified, about 24, for good Dispensing and Retail. State age, height, last two engagements, and salary required to H. J. Hewlett, "Baily & Co.," 2 Ethelbert Terrace, Margate.

REQUIRED for May 21, young qualified Assistant for a short period; hours 9 a.m. to 6 p.m.; salary 3½ guineas weekly; lunch and tea provided. Apply to Chief Pharmacist, King's College Hospital, S.E.5.

VACANCY will occur in June for a qualified lady in high-class Dispensing and Retail business; age not under 28; residential town; highest references and experience essential. Reply stating full particulars, 101/24, Office of this Paper.

WANTED. Manager for branch shop, Manchester district, age 25-30; keen, energetic man with good appearance; one having served bona-fide apprenticeship and with good Counter experience preferred. State particulars and salary required, when available, copies references. 96/39, Office of this Paper.

WANTED. Junior Assistant, used to Mixed business, at once. Particulars to Swindells Bros., Chemists, Hyde, Manchester.

YOUNG lady required as Dispenser for old-established Pharmacy situated in the New Forest; must have excellent testimonials. State age, salary required, and give full references to 125/371, Office of this Paper.

YOUNG, unqualified Assistant wanted; good Window-dresser and capable at Counter. Apply, giving full particulars and references, to D. D. Coutts, 18 Norwich Road, Ipswich.

YOUNG, qualified man required to manage small branch in colliery village. Apply, stating salary required and full particulars, to Eastwood, Chemist, Malthby, Rotherham.

YOUNG ladies, smart, required, with knowledge of Perfumery and Toilet articles, for large retail West-End establishment; tall and of good appearance. Apply by letter, giving all details of experience, age, etc., to Box 237, Sells, Fleet Street, E.C.4.

WHOLESALE.

LONDON DISTRICT.—Representative required; good appearance and address; age 25-35; salary and commission; only experienced men with good connections are invited to reply. Royal Court Manufacturing Co., 4 Chapel Court, S.E.1.

A GENTLEMAN, already travelling the Northern Counties by car, and able to look after the interests of a Perfumery and Toilet House, in conjunction with his present firm, is invited to write 125/378, Office of this Paper.

BUYER for important Manufacturing Company; must have bought extensively CHEMISTS' AND SURGICALSUNDRIES, PLASTERS, etc.; age about 30; commencing salary about £500 per annum. CALL C. W. PETTY & COMPANY (APPOINTMENT SPECIALISTS), 58 HAYMARKET, S.W.1. 'Phone: GERRARD 3412-3.

EXPERIENCED Patent Medicine Checker required. Write, stating age, experience, and wages required. Write P.C.B. 23/24, Office of this Paper.

KNOWN firm supplying Pills and Tablets to Retail trade want an energetic Traveller for Yorkshire and part of Lancashire; lines easy to sell, and fair connection already established; small salary; good commission. Full particulars to "M. S.," 96/37, Office of this Paper.

THE KRASKA CO. have vacancies for Travellers to carry on their well-established Manicure Preparations as a side line, on a commission basis. Apply, with full particulars, 65 Portobello Road, W.11.

WAREHOUSEMAN, experienced Stock-keeping, Packing, Despatching; good opening for smart, energetic young man; unquestionable references absolutely necessary. Apply, with full particulars of past experience, age and wages required, "Proprietary," 125/379, Office of this Paper.

YOUNG qualified man required in first instance to learn Tabletting, later to travel; fine opening and prospects for smart, energetic man willing to learn. P.C.B. 24/5, Office of this Paper.

(COLONIAL, INDIAN AND FOREIGN.)

BOMBAY.—Qualified Assistant, thoroughly experienced in salesmanship, first-class trade only, and capable of managing important branch, including Dispensing; age 25/30; single; 5 years' agreement; passage paid out and home; salary, first year, Rs. 500 monthly (about £37 10s.); second year, Rs. 550; third year, Rs. 600, with free quarters. Advertisers desire engagement to be permanent. Full particulars, with copies of testimonials (no originals), to 125/377, Office of this Paper.

FAR EAST.—Pharmacist, age about 28, wanted for Far East as Travelling Representative for a London firm of Manufacturing Chemists; previous travelling experience not essential; candidates must possess sound business training, be of temperate habits, and possess good health. Apply, stating age, previous experience, salary required, etc., to 125/370, Office of this Paper.

INDIA AND NEAR EAST.—Wholesale and Export Druggists require representation in these markets by Traveller already covering the ground and holding similar but not clashing agencies; must know Drug trade; part expenses and commission. Full particulars to 125/369, Office of this Paper.

JAMAICA.—Wanted, qualified Chemist and Manager for new business in Jamaica; must have first-class experience and be a good organiser; to a really good man this is an exceptional opening. Apply, giving full experience and salary required, to P.C.B. 21/2, Office of this Paper.

SITUATIONS WANTED.

RETAIL. [HOME.]

A.A.A.—**LOCUM**; 24; unqualified; 6 years' Dispensing, Counter and Photographic (D. & P. and general) experience; tall; good appearance; interested worker. 98/25, Office of this Paper.

A.A.A.—**CONSCIENTIOUS**, highly recommended desires post; right-hand man; abstainer; moderate salary; disengaged; offers invited. "Aspirin," 24 Clifton Hill, Brighton.

A.A.A.—**ASSISTANT**; 24; unqualified; capable and trustworthy; Dispensing, Counter, Windows, Retail Photographic; London and provincial experience; excellent references; smart appearance. Will applicants kindly state salary offered. 100/7, Office of this Paper.

A1 COUNTERMAN, Dispenser, Window-dresser, Truss Fitter; 10 years with City firm; well recommended. "Unqualified," 51 Norlington Road, E.11.

A CAPABLE, qualified man; fully experienced, active and competent; permanency or Locum; disengaged. "Chemist," 85 Lancaster Road, Leytonstone, E.11.

A PHARMACEUTICAL Chemist, with first-class West-End Dispensing and recent Riviera experience, desires situation in the West-End; knowledge of Optics, Photography; good all-round man; capable and trustworthy; sound references. Please phone Clerkenwell 4575.

A DVERTISER, Senior, unqualified, 31, tall, single, progressive, keen, reliable, requires post with prospects; first-class testimonials; disengaged shortly. 98/14, Office of this Paper.

A S Dispenser to Chemist or Doctor; 37; whole or part time; well recommended; moderate salary. "Dispenser," 176 Junction Road, N.19.

A S Manager; 29; qualified 1920; all-round experience; hard worker; well recommended. 99/180, Office of this Paper.

A S Manager, London or district; all-round experience (Windows, Counter, Photographic and Dispensing). 99/18, Office of this Paper.

A S Manager; qualified; good Salesman and Window-dresser; conscientious; permanency preferred. "Sutn," c/o Mrs. Osborne, 34 Calcott Road, Broudesbury.

A S Locum; disengaged May and early June; moderate terms; excellent references and experience. "Reliable," 129 Praed Street, London, W.

A S Manager or Locum; experienced Prescriber, City, West-End, and good Counter. "G.," 130 Scott-Ellis Gardens, N.W.8.

A SSISTANT, 22 (Part I), requires post, South London; part time or otherwise; London experience; Dispensing and Counter; excellent references. Holmes, 23 New Road, Driffeld, East Yorkshire.

A SSISTANT, 21, desires position, London; 5½ years' experience; capable Counter-hand and Dispenser; excellent references. "Assistant," 25 Woodcote Grove Road, Coulsdon, Surrey.

A SSISTANT; thoroughly experienced; Dispensing, Counter, Photography; energetic; good reference; unqualified. "K" 62 Blenheim Road, East Ham, E.6.

A SSISTANT; unqualified; experienced; Locum or permanent; can manage; town or country. "Radix," 72 Tremar Road, Clapham, S.W.4.

A SSISTANT; 31; unqualified (Part I); good all-round experience; able to manage; undeniable references. Apply 99/1, Office of this Paper.

A SSISTANT; unqualified; temporary or permanent; experienced and capable; would manage Drug Store; good reference. P.C.B. 24/2, Office of this Paper.

A SSISTANT, 21, Part I, six years' thorough experience, acquires permanency; West-End, City or South Suburban preferred; excellent references. "R.," 18 Alton Road, Croydon.

A SSISTANT, unqualified, reliable, 20 years' experience, years and 8 years last two references, disengaged. "S" 46 Maybury Gardens, Willesden Green, N.W.10.

A SSISTANT, age 20, desires change; Dispensing, Window-dressing and Photography. Linnigton, 88 Loftus Row, W.12.

A SSISTANT (lady); unqualified; 10 years, Counter, Store Dispensing, Photographic; trustworthy and reliable. "Dispenser," 114 Lewisham Road, Lewisham, S.E.13.

A SSISTANT; 24; referred Materia Medica; London and provincial experience; Locum or permanency; good Dispensing excellent references. Morgan, 25 Tregothnan Road, Stockwell, S.W.9.

A SSISTANT; 43; unqualified; tall; single; disengaged; Dispensing, Counter, Photography; good references. Har 24 Link Road, Edgbaston, Birmingham.

A SSISTANT; 22; good references; smart Salesman, qualified accurate Dispenser; season or otherwise. Watson, 15 Grange Road, Harrogate.

A SSISTANT; London, provincial, country (North and South experience (25 years' standing); Prescriber, Manager, Eyreton, St. Nicholas Street, Norton, Malton.

A SSISTANT; unqualified; 26; disengaged; thoroughly reliable experienced Dispensing, Counter, Photography, Window-dressing; 7 years present situation. A. Fairclough, 13 Isla Road, S.E.18.

A SSISTANT; unqualified; temporary or permanent; experienced and capable; Dispensing, Counter and Photographic good reference. "L. S. M.," 10 Orb Street, London, S.E.17.

A SSISTANT, 27, unqualified, desires permanency; capable and energetic; Counter, Dispensing, Photography and Prescribing. Apply 100/29, Office of this Paper.

A SSISTANT; 28; tall; good appearance; thorough all-round experience; used to high-class Dispensing business; South Counties preferred. Write "J. S.," 125/375, Office of this Paper.

A T liberty; Chemist, registered; experienced man; Locum part-time; moderate salary. "Pharmacist," 13 Disraeli Road, W.5.

C APABLE Assistant, Part II (referred Poison Law), requires engagement; age 23; tall; used to high-class Pharmacy quick and accurate Dispenser, with good all-round experience; highest references. H. H. Clegg, 14 Stockport Road, Runcorn, Cheshire.

C APABLE Manager or Senior Assistant, M.P.S., desires situation, any part Lancashire or Yorkshire; temporary or permanent; young; single; good experience. State terms and particulars. 95/21, Office of this Paper.

C APABLE, energetic, thoroughly experienced Assistant; qualified accurate Dispenser; persuasive Salesman; Photographic temporary or permanent. Henry, 29 Woodstock Road, W.12.

CHEMIST, middle-aged, just sold own business, requires situation; highest references. 100/2, Office of this Paper.

DISENGAGED.—Experienced Locum quoting special terms May 24, also June 11-30; highest references; keen Salesman; proficient Manager; registered R.P.U. "M.P. M.I.C.O.," 6 Vicarage Road, Strood, Kent.

DISPENSER (lady), Hall Certificate, desires post with Doctor, Hospital or Chemist; whole or part time; experience 125/383, Office of this Paper.

ELDERLY Chemist, thoroughly efficient, desires light employment, London; capable taking charge; Locum or part time small remuneration. 98/28, Office of this Paper.

EXPERIENCED Locum; London or seaside; disengaged; Photographic, Optics. "M.P.S., M.I.C.O.," 46 Colston Street, Russell Square, W.C.1.

EXPERIENCED young Warehouseman requires berth; excellent references and used to some Counter trade. William c/o Clarke's, Chemist, Newport, Mon.

HOME OR SOUTH COUNTIES.—Senior or Manager Assistant requires berth; well recommended; high-class Dispensing, Photo, Optics; accustomed taking charge; unqualified. 100/22, Office of this Paper.

JUNIOR, 21, desires post till October; 4 years' experience; Counter and Dispensing. Tayler, 46 Grattan Place, Frazerburgh.

OR; young; tall; excellent reference; 4 years' apprenticeship; good experience, Dispensing, Counter, Photography, Window-dressing; free middle of May; Leeds or district. Harrison, 86 Clarendon Road, Morecambe.

OR; 21; first-class Dispensing experience; good references; disengaged. Apply 101/18, Office of this Paper.

Y Assistant; permanent or temporary; experienced counter, Photographics, Window-dressing, Stock. Davies, 11 Gate Mansions, East Sheen, S.W.14.

2 Senior Corporal Dispenser, Royal Marines (29), desires post as Dispenser in Institution, Hospital or Retail; holds Certificates; good Prescriber; knowledge Radiography; abstainer; excellent references; anywhere. Wills, 11 House, Swanage.

UM, qualified, abstainer, 8 years' excellent experience in middle-class trade, excellent references, open to book elements where assistant kept; free until July 23. G. D. 1, 72 Wigginton Road, Tamworth, Staffs.

UM; qualified; experienced; good Salesman; anywhere; best references; now free. 80 Brookbank Road, Lewisham.

UM; qualified; total abstainer; my only open dates, May 20 till June 2. Jones, 57 Brown Road, E.17.

UM or season; seaside or country; experienced Dispenser and all-round man; disengaged. May 14. Benson, 4 Adra Road, South Woodford, Essex.

UM; qualified; disengaged. July 16-28; can undertake complete control if required; any locality. P.C.B. 24/13, of this Paper.

UM.—An experienced Pharmacist, late owner, has open dates, May 14-June 2 and July; London, Home or Southern; reliable; abstainer. Kershaw, 34 Devonshire Place, London.

UM, 48, experienced, competent, well recommended; has vacant June 1 to 16, July 2 to 15; town or country; in doors. "Chemicus," 239 Camberwell New Road, S.E.5.

UM, M.P.S.; excellent references; open dates, July 16-28 and August; Town. "Chemist," Snamatra Road, N.W.6.

UM, thoroughly capable, with excellent references and accustomed to management, can book dates from May 28; any distance; abstainer; unqualified. "R., 131 View Road, N.4.

UM; qualified; 31; at liberty till May 30 and after July 21. F. R. Smith, 34 Welbeck Avenue, Southampton.

UM.—Qualified Chemist for long or short engagements after 9 months' practically continuous employment in class businesses; terms moderate; free June 5. Pitt, 36 St. n's Road, Norwich.

UM or Manager; qualified; Counter, Dispensing and Photography. "Chemist," 32 Fairmount Road, Brixton S.W.2.

UM, M.P.S.; free June, July; fully experienced; capable taking charge; Coast preferred. Sherwin, 23 London Road, E.8.

UM, qualified, free August and first half September; could superintend business with good unqualified Assistant; moderate terms; South Coast preferred. "M.P.S.," 49 St. s Road, Leicester.

UM; thoroughly competent; free June 17 to 30, July 16 to 28; indoors or out; distance no object; reasonable terms. m., c/o Carno, Chemist, 165 Brecknock Road, N.19.

DON.—Employer highly recommends experienced, competent man; Locum or permanency; good Counterman andeeper; conscientious; trustworthy; accurate Dispenser, Window-dresser; Photography; unregistered; engaged (two weeks), August 20 (two weeks); interview essential. 128 Wilton Road, Victoria.

UM; experienced town or country; abstainer; easy terms; ee Whitstide; booking dates; best references. Carte, Pharmacy, Rodley, Leeds.

UM; experienced; abstainer; take charge; London or provinces; reliable; moderate salary; disengaged. "Phar-BM/ZP6N, London, W.C.1.

CHESTER DISTRICT.—Assistant, 21, with good Counter, Display and Dispensing experience, also Photo, requires in Wholesale or Retail; disengaged; passed Part 1. "161 Whitchurch Road, Withington, Manchester.

.S., 22; 5 years' experience all branches; abstainer; .S., highest references; Locum entertained. 6 Birchad, Northampton.

.S., 30; 5 ft. 8 in.; smart, reliable, energetic; good all-round experience; good references; permanLocum. S. Girgis, 161 Camden Road, London, N.W.1.

IFIED lady; 24; good experience in Dispensing and under work; excellent references. Tyler, 70 Richmond Cardiff.

IFIED; good Window-dresser; Manager or Locum; ntal and Photographic experience; disengaged. "a," Fernside, Stanstead Road, Bishop's Stortford, Essex.

IFIED, 26, single, desires Managership; Scotland preferred; all-round experience, including managership; disafter June 16. 99/12, Office of this Paper.

QUALIFIED; 34; tall; single; energetic; good Window-dresser; all-round experience; Midlands preferred; Locum considered; disengaged June 2. B. Mills, 62 Cowper Street, Northampton.

QUALIFIED, 29, thoroughly experienced and recommended, desires engagement; London district; disengaged, "Aspirin" Highbury, 126 Clapham Road, S.W.9.

QUALIFIED; 26; all-round experience; energetic, keen and courteous; moderate salary. "Chemist," 44 Canadian Avenue, Catford, S.E.6.

QUALIFIED gentleman, 24, married, desires permanency in managerial capacity; abstainer and Churchman; disengaged end July; 9 years' first-class experience, all branches and managing. Write immediately, P.C.B. 24/8, Office of this Paper.

QUALIFIED, 36, disengaged, thoroughly experienced, seeks post as Manager, Assistant, Partner or Locum. Stephens, 31 Conway View, Harehills, Leeds.

QUALIFIED Assistant, young, desires situation; London or district preferred; good Dispensing and Counter experience. Davidson, 171 Tosson Terrace, Newcastle-on-Tyne.

QUALIFIED; Locum; 23; disengaged to June 2. Brierley, c/o The Pharmacy, Draycott, Derby.

QUALIFIED, 24, desires post, South Yorkshire or Midlands; easy reach Doncaster preferred. "Pharmacist," 25 Walton Road, Ecclesall, Sheffield.

QUALIFIED (April); 23; 5 years' experience; temporary or permanent; Liverpool district preferably. 99/31, Office of this Paper.

QUALIFIED, 25, desires position as Branch Manager; 7 years' good all-round experience, including Photography; Manchester district preferred, but not essential. 101/35, Office of this Paper.

QUALIFIED man seeks position in London in which qualification is necessary, but full-time attendance not required. 125/382, Office of this Paper.

SENIOR, Manager under Principal; best varied experience; excellent Prescriber, Surgical Appliances, Dispensing, Photography, Prescription Optics; widower with home (can be stored), desires permanency. "J. W. N.," 10 Railway Street, Chatham.

SEASON (or until October), unqualified (24), desires berth; excellent experience Photo (D. & P.), Counter, Dispensing, Windows; past two seasons at exclusive Norfolk resort. Mason, 86 Louis Street, Chapeltown, Leeds.

WHOLESALE.

AMBITIOUS man desires post with Wholesale Firm as Representative or otherwise; age 28; good appearance; 13 years' good all-round experience. Write "J. S.," 125/374, Office of this Paper.

AN experienced Salesman, "a business getter," is open to give full representation; communications, however, from firms offering good lines, with commission and part expenses, solicited; own car; South of England or Wales preferred. 703 Fox Hollies Road, Hall Green, Birmingham.

AS Stock-keeper, Packer or Laboratory Hand; 20 years' experience in Drug trade; good references. "T. H.," 225 Euston Road, N.W.1.

EXPERIENCED Tablet Maker and Coater; 20 years' practical knowledge; first-class reference. "Tabs," 73 Cloudestley Road, Barnsbury, N.1.

MAJOR, 35, 20 years' all-round experience, Retail, Dispensing and Manufacturing, desires post as Representative for good house. 125/376, Office of this Paper.

M.P.S., F.I.O., several years in own business, desires to represent Wholesale House which would appreciate energy, enterprise and integrity. Replies to 101/38, Office of this Paper.

REPRESENTATIVE, with splendid connection Chemists, Stores, Wholesale Grocers, Wholesale Smallware Dealers, etc., desires additional lines for well-known firms, on commission basis; advertised Proprietaries preferred. Sales records, etc., to 98/34, Office of this Paper.

SALESMAN-REPRESENTATIVE, 32, married, with London Retail connection, 12 years' experience (Packed Specialities, Proprietaries, Drugs), knowledge of propaganda work, desires represent known house; car knowledge; resident London. "Immediate," 99/38, Office of this Paper.

SURGICAL Instrument and Sundries Assistant desires post; all-round experience; 12 years last situation. "H. T.," 16 Claribel Road, Brixton.

YOUNG man, energetic, seeks position as Representative with good firm; excellent references; own car; North Wales preferred, but not essential. 98/30, Office of this Paper.

(COLONIAL, INDIAN AND FOREIGN.)

CANADA.—Pharmacist, sailing shortly, desires to represent first-class house; experienced. Fuller, Westhāll Cottage, Frogfior Farm, near Polegate, Snssex.

QUALIFIED Chemist desires post in South Africa or healthy British Colony; Manager or Assistant; good experience and references. Please state particulars and salary. 100/9, Office of this Paper.

PHARMACEUTICAL COUNCIL ELECTION, 1928

POLLING

MAY 5th to 16th

VOTE FOR

Antcliffe, Herbert
Beardsley, William James
Marns, Thomas
Parry, Lewis Moreton
Peck, Ernest Saville
Skinner, Herbert

The retiring candidates

Our continued service is
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- Parliamentary Organisation.
- Protection of title "Chemist."
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FOR SALE.

FOR Sale, three swan-necked Carboys with cut-glass crystal stoppers, two measuring 3 ft. 5 in. and one 2 ft. 10 in.; price 6 guineas, or nearest offer, carriage paid. Harper, Chemist, 111 Cold Bath Road, Harrogate.

FOR Sale, 50 Preferred Ordinary Shares of £1 each in Eucryl Ltd. Offers to Stewart & Watson, Solicitors, Turrit, Aberdeenshire.

OFFERS wanted for set of Pharmacy Fittings, all or part; condition as new; good opportunity for anyone opening a new business. Apply 125/373, Office of this Paper.

MISCELLANEOUS.

MACADAM & TUCKNISS, Stock and Share Brokers and Dealers, Westminster Bank Chambers, Blackheath, London, S.E.3. Established 1898. Telephone: Lee Green 0081. Shares for sale free of commission (subject):—200 Allenbury's 8% Prefd. Ordinary, 22s. 6d.; 100 British Drug Houses Ord., 20s. 9d.; 400 Idris "A" Ord., 21s. 6d.; 590 Mellins Food 6% Pfs., 14s.; 21 Ucal offers wanted. Shares wanted (subject): Allenbury's Pfs. and Prefd. Ord.; Camwal Ord. and Pfs.; £2,000 Idris Deb. £64%; 500 Parkes Chemists Ord., 17s. 6d.; 200 Taylor's Cash Chemists Deft., 6s. 6d.; 300 Wright Layman Pfs., 19s. 1½d. Close quotations made for any share.

CHEMIST FITTINGS.—Complete Fittings in stock. Ranges of Drug Drawers with glass labels, shelving and lockers, Glass-fronted Counters, Dispensing Screens, Wall Cases, etc.; all made in sections which any local man can fix. Also Second-hand Fittings, Shop Rounds (ribbon and recess labels); Cash Tills from 15s. 6d.; Kwik-Sale Case, special Chemist design. D. MATTHEWS & SON, Chemist Fitters, 14 and 16 Manchester Street, Liverpool.

CHEMISTS' Fittings.—Drug Fittings, Wall Cases, Counter Cases, Salesman's Cases, Dispensing Screens, Serving Counters, Perfume Cases, Counter Drawers at low prices. Before you decide send to GEORGE COOK, Chemists' Fitter, 27 Macclesfield Street, City Road, E.C.1.

FOR Sale, "Eureka" power Tablet Machine (capacity about 120 tablets per minute), with two sets punches and dies; also Electric Motor (Verity's), 2 h.p., 250 volts, 1,300 revs., W. and R. pulleys, double pole switch and starting switch complete; all in perfect condition. What offers? 125/372, Office of this Paper.

£87 10s. for set of Mahogany Fittings, consisting of 10 ft. Drug Run, fitted 30 glass knobbed and labelled drawers, 10 ft. glass-fronted Counter, 8 ft. Wallcase, 6 ft. Dispensing Screen, 3 ft. Counter Case, Perfumery Showcase and Desk, Cash Till; would separate. Illustrated list on request. E. BERG, LTD., 336 Old Street, E.C.1.

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£65.—SECOND-HAND Set of Mahogany Fittings, comprising 10-ft. Drug Run, 6-ft. glass-fronted Counter, 6-ft. Chemist's Screen, 6-ft. Wall Showcase, Perfume Case, Desk, Check Till, 3-ft. bent Front Counter Case, Shop Round, 227 Old Street, London, E.C.1.

SHOPFITTINGS.—Modern set, in mahogany and complete 10 ft. Drug Fitting, consisting of drawers, lockers and boards, with shelving and showcases above; 12 ft. glass-fronted Counter; 4 ft. Wall Case; Perfume Case and Desk; 6 ft. plate glass Counter Case; 6 ft. Dispensing Screen; 5 ft. pensers' Fixture; Counter Drawers; Cash Till; ready for £120. PHILIP JOSEPHS & SONS, LTD., 90/92 St. Street, Clerkenwell, London, E.C.1. "Pharmacy fitters for a century."

£110.—SET OF MAHOGANY FITTINGS: 6 ft. Dispensing Screen, mirror centre and showcases, with shelves at back; 6 ft. Wall Case in two heights; 12 ft. Fitting with showcase over; 10 ft. Counter with glass counter; Perfume Case and Desk; plate-glass Counter two nests of Counter Drawers; Check Till. Sketches and particulars free on application. PERCY R. E. JOSEPHS, 6 St. Street, and 125 Lever Street, London, E.C.1. Phone: Cl well 9929 (3 lines).

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